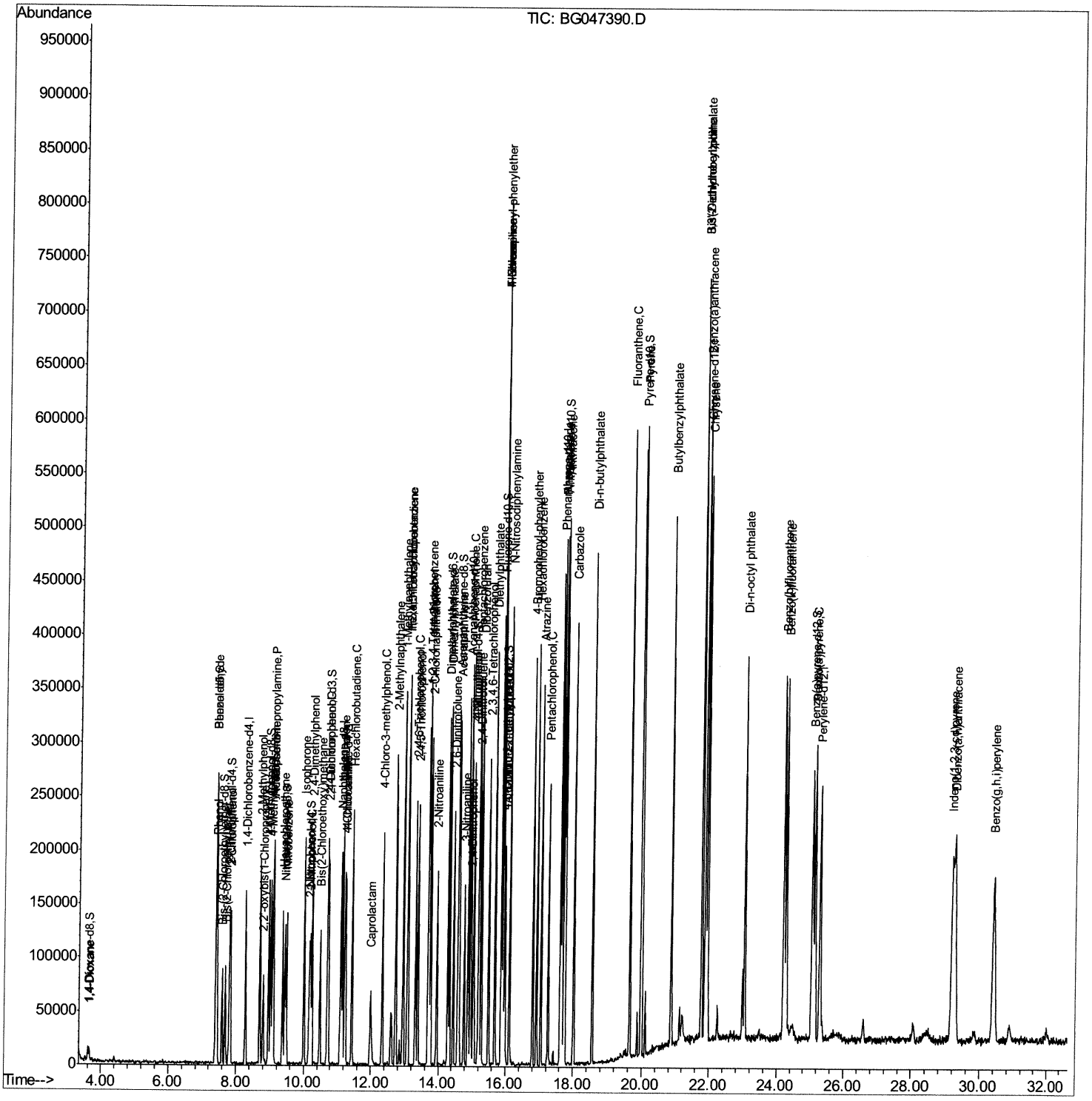
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047390.D
Acq On : 21 Nov 2020 9:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 21 11:52:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 11:50:37 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
11/24/2020 9:00:10 AM



DFTPP

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047389.D
Acq On : 21 Nov 2020 8:56
Operator : CG/JU
Sample : DFTPP55
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations APPROVED
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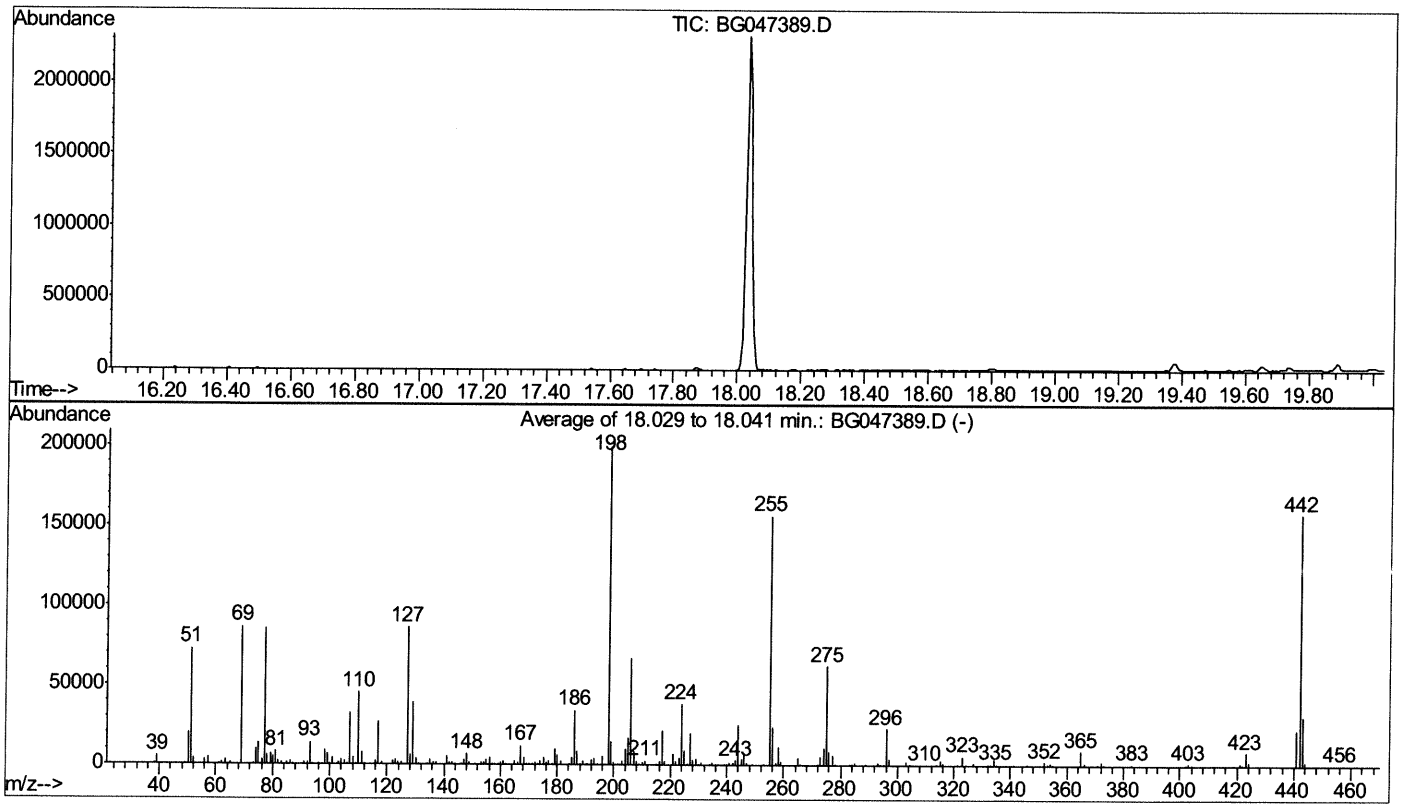
Integration File: LSCINT.P

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION
Last Update : Mon Nov 23 13:14:53 2020



AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.5	72709	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	43.4	86404	PASS
70	69	0.00	2	0.5	400	PASS
127	198	10	80	43.2	86058	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	199317	PASS
199	198	5	9	7.4	14822	PASS
275	198	10	60	31.1	62045	PASS
365	198	1	100	4.5	8898	PASS
441	198	0.01	100	11.1	22218	PASS
442	198	50	100	79.0	157389	PASS
443	442	15	24	19.7	31029	PASS

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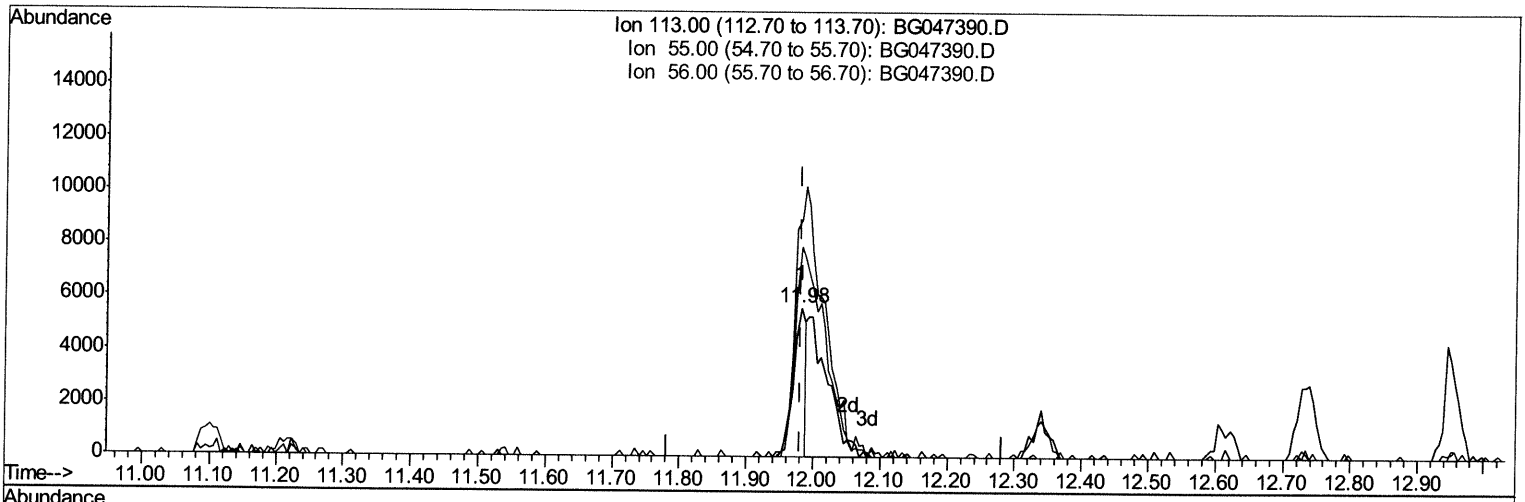

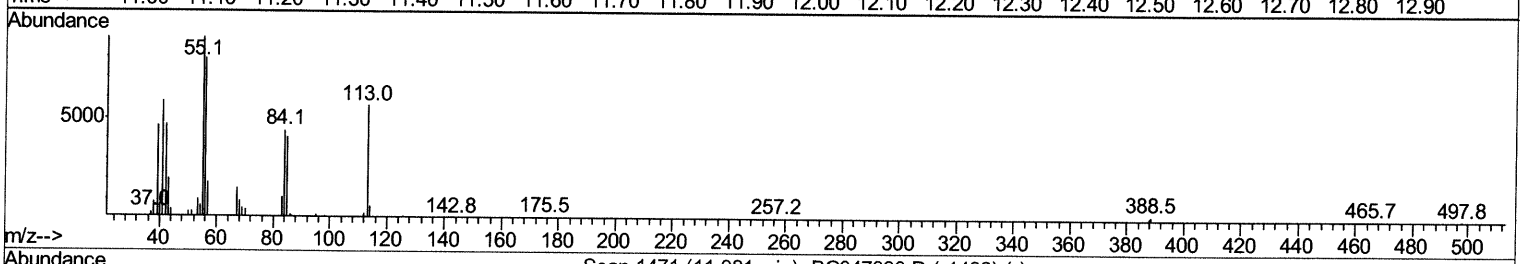

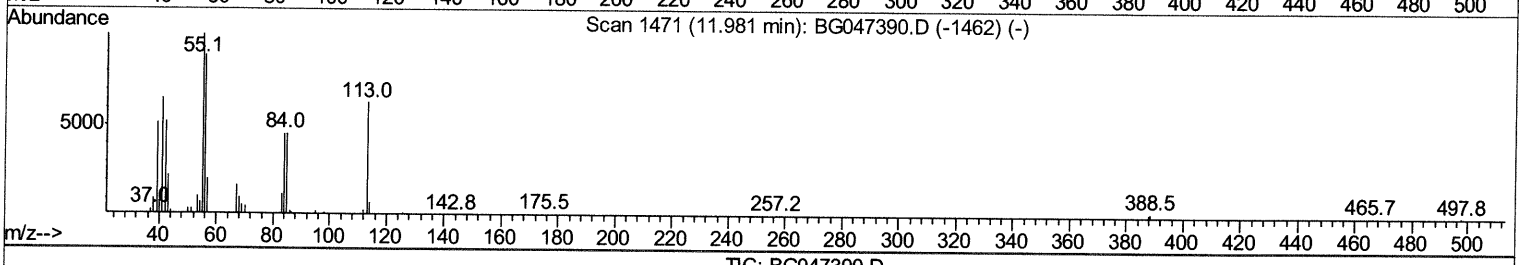

TIC: BG047390.D

(32) Caprolactam

11.981min (0.000) 6.52ng/ul

response 6899

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	158.93#
56.00	138.20	140.95
0.00	0.00	0.00

Quantitation Report (Qedit)

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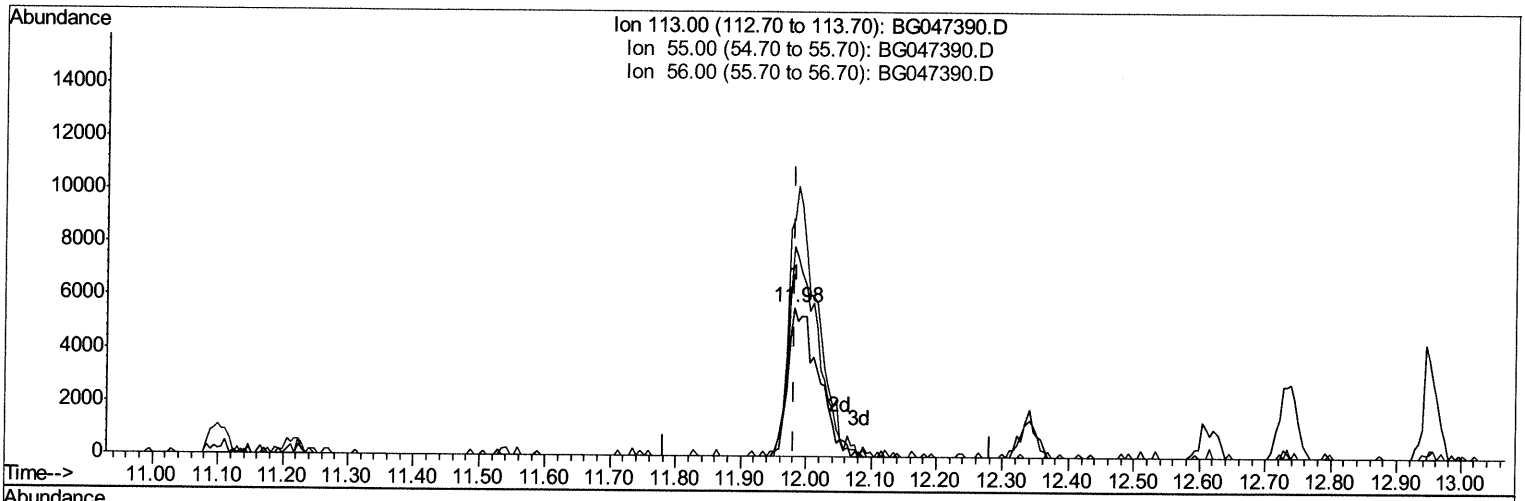
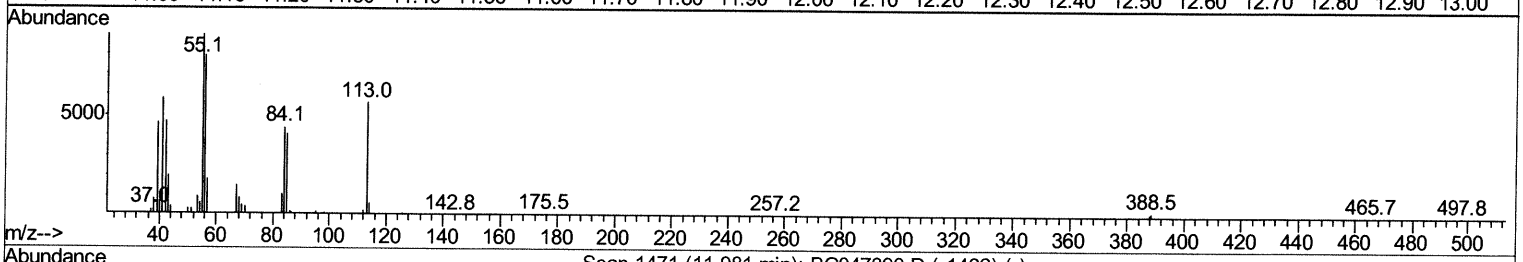
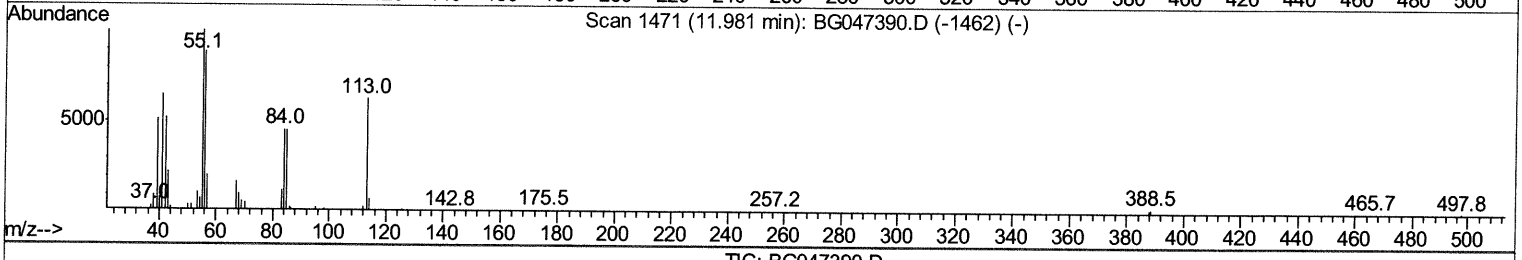
Manual Integrations APPROVED
mohammad
11/24/2020 9:00:10 AM







TIC: BG047390.D

(32) Caprolactam

11.981min (0.000) 17.14ng/ul m 11/30/20 JU

response 18128

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	158.93#
56.00	138.20	140.95
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
mohammad
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Quant Time: Nov 21 11:52:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	39137	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	158379	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	119973	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	293105	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	265728	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	284348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	6769	6.29	ng/uL	0.00
5) Phenol-d5	7.40	99	75149	19.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	41145	18.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	52139	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	56128	18.61	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	25441	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	28509	19.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	64921	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	64959	19.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	186750	18.13	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	222674	18.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	30219	19.23	ng/ul	0.00
58) Fluorene-d10	15.87	176	177236	18.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	30314	18.17	ng/ul	0.00
71) Anthracene-d10	17.72	188	284990	19.60	ng/ul	0.00
79) Pyrene-d10	19.98	212	312802	20.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	311260	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	7201	6.482	ng/uL#	68
4) Benzaldehyde	7.40	77	45266	19.525	ng/ul	90
6) Phenol	7.43	94	72189	19.198	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.67	93	48138	17.342	ng/ul	94
10) 2-Chlorophenol	7.83	128	51229	19.284	ng/ul#	88
11) 2-Methylphenol	8.70	108	54489	18.653	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.80	45	54202	18.565	ng/ul	94
14) Acetophenone	9.10	105	87960	18.934	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.08	70	51437	18.353	ng/ul#	96
16) 4-Methylphenol	9.03	108	58948	19.227	ng/ul	100
17) Hexachloroethane	9.37	117	23977	19.206	ng/ul	88
20) Nitrobenzene	9.48	77	80671	19.066	ng/ul	97
21) Isophorone	10.01	82	142059	17.616	ng/ul#	93
23) 2-Nitrophenol	10.20	139	31127	20.059	ng/ul#	81
24) 2,4-Dimethylphenol	10.24	107	72047	18.291	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.49	93	70665	18.218	ng/ul	97
27) 2,4-Dichlorophenol	10.73	162	58520	20.168	ng/ul	89
28) Naphthalene	11.15	128	173688	19.362	ng/ul	99
30) 4-Chloroaniline	11.24	127	61442	19.506	ng/ul#	83
31) Hexachlorobutadiene	11.43	225	53677	19.663	ng/ul	93
32) Caprolactam	11.98	113	18128m>	17.140	ng/ul>	11/30/2020
33) 4-Chloro-3-methylphenol	12.34	107	68792	19.184	ng/ul	94
34) 2-Methylnaphthalene	12.73	142	129006	19.407	ng/ul	94

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Manual Integrations APPROVED
mohammad
11/24/2020 9:00:10 AM

Quant Time: Nov 21 11:52:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	150213	19.226 ng/uL#	98
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	94043	19.948 ng/ul	94
38) Hexachlorocyclopentadiene	13.08	237	53394	16.276 ng/ul	98
39) 2,4,6-Trichlorophenol	13.32	196	57956	19.796 ng/ul	97
40) 2,4,5-Trichlorophenol	13.39	196	61376	20.193 ng/ul	95
41) 1,1'-Biphenyl	13.73	154	176026	18.915 ng/ul	100
42) 2-Chloronaphthalene	13.77	162	138466	18.770 ng/ul	95
43) 2-Nitroaniline	13.96	65	49518	18.456 ng/ul#	85
45) Dimethylphthalate	14.33	163	188284	17.922 ng/ul	97
46) 2,6-Dinitrotoluene	14.44	165	40127	19.946 ng/ul	98
48) Acenaphthylene	14.61	152	212211	19.182 ng/ul	97
49) 3-Nitroaniline	14.77	138	31761	20.218 ng/ul#	98
50) Acenaphthene	14.95	153	148242	19.104 ng/ul	93
51) 2,4-Dinitrophenol	14.97	184	19843	18.510 ng/ul	88
53) 4-Nitrophenol	15.05	109	44901	19.737 ng/ul	93
54) Dibenzofuran	15.28	168	215677	18.923 ng/ul	100
55) 2,4-Dinitrotoluene	15.22	165	54576	19.120 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.49	232	60246	20.697 ng/ul	91
57) Diethylphthalate	15.68	149	189026	18.341 ng/ul	96
59) Fluorene	15.92	166	182845	19.042 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	112003	19.419 ng/ul	95
61) 4-Nitroaniline	15.92	138	36169	19.664 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.98	198	32266	18.481 ng/ul	91
65) N-Nitrosodiphenylamine	16.12	169	166307	19.878 ng/ul	98
66) 4-Bromophenyl-phenylether	16.80	248	73510	19.742 ng/ul	96
67) Hexachlorobenzene	16.92	284	80726	20.725 ng/ul#	92
68) Atrazine	17.05	200	70374	19.111 ng/ul	95
69) Pentachlorophenol	17.26	266	47807	20.984 ng/ul	94
70) Phenanthrene	17.66	178	312889	19.768 ng/ul	97
72) Anthracene	17.75	178	317592	19.924 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	95051	20.630 ng/uL	97
74) Pentachlorobenzene	15.20	250	90718	20.479 ng/uL	96
75) Carbazole	18.01	167	264751	20.590 ng/ul	98
76) Di-n-butylphthalate	18.56	149	314859	19.224 ng/ul	99
77) Fluoranthene	19.65	202	389701	19.495 ng/ul	99
80) Pyrene	20.01	202	381467	20.266 ng/ul#	98
81) Butylbenzylphthalate	20.88	149	132602	20.058 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.78	252	119646	19.287 ng/ul	89
83) Benzo(a)anthracene	21.88	228	372688	19.712 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.77	149	183748	19.940 ng/ul	98
85) Chrysene	21.95	228	349754	19.439 ng/ul	99
87) Di-n-octyl phthalate	23.05	149	307894	19.550 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	380887	18.972 ng/ul	99
89) Benzo(k)fluoranthene	24.28	252	365000	18.449 ng/ul	96
91) Benzo(a)pyrene	25.14	252	339043	18.944 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.20	276	412109	18.930 ng/ul	100
93) Dibenzo(a,h)anthracene	29.27	278	344962	19.327 ng/ul	99
94) Benzo(g,h,i)perylene	30.42	276	345135	19.213 ng/ul	94

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(#) = qualifier out of range (m) = manual integration (+) = signals summed