Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\
Data File : BM025570.D
Acq On : 14 Mar 2020 14:05
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 03:56:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 03:07:24 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
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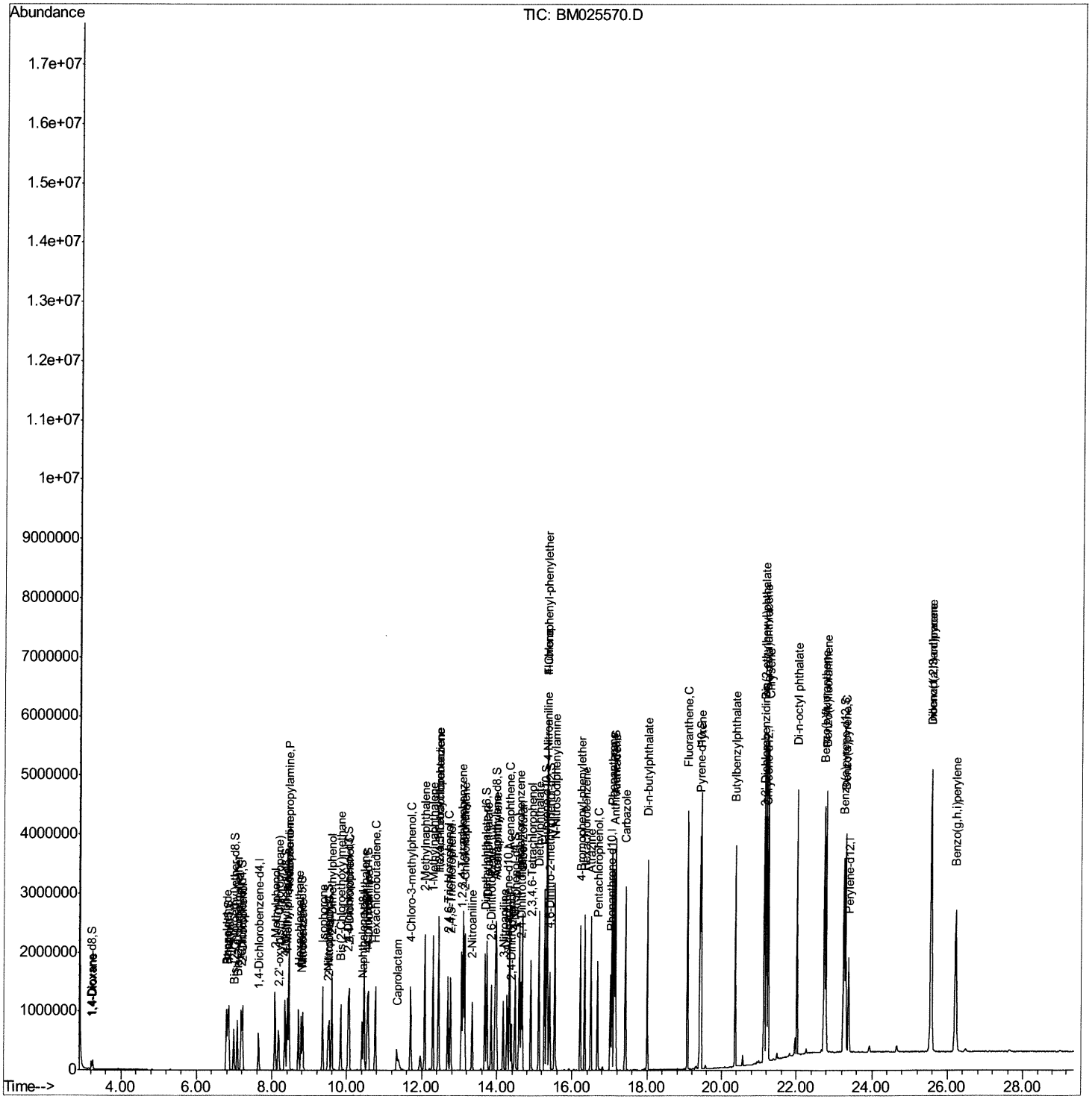

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\
Data File : BM025570.D
Acq On : 14 Mar 2020 14:05
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 03:11:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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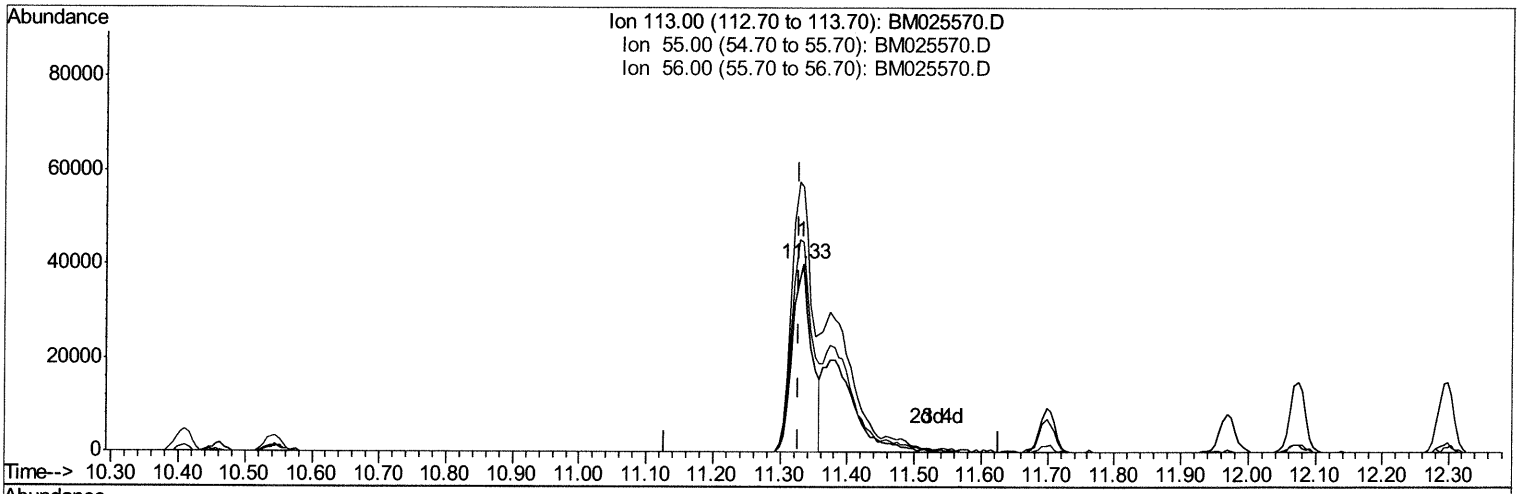

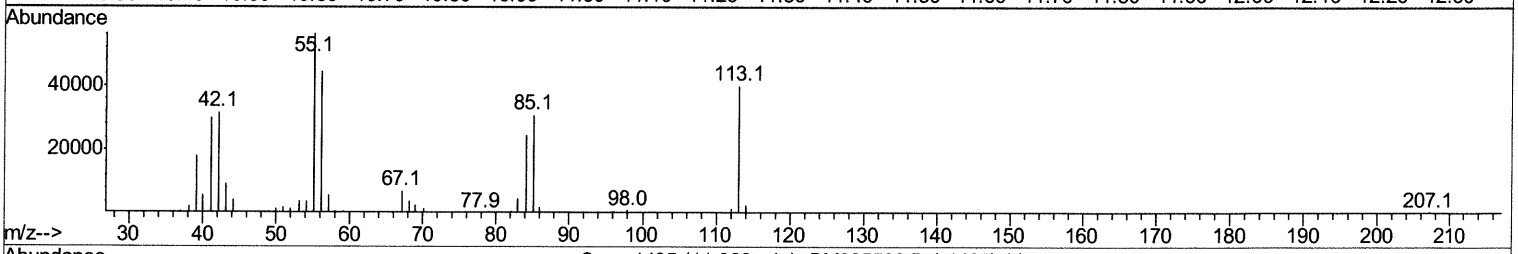

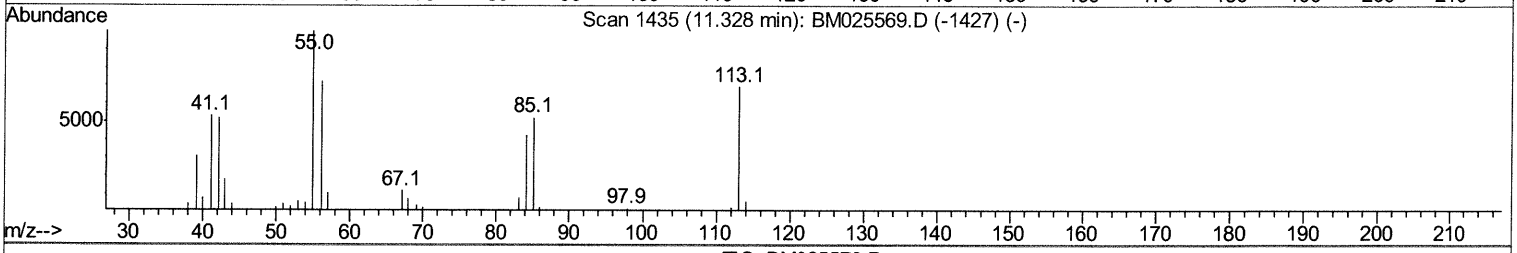

TIC: BM025570.D

(32) Caprolactam

11.333min (+0.006) 26.39ng/ul

response 79946

Ion	Exp%	Act%
113.00	100	100
55.00	144.20	140.93
56.00	104.20	111.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD04004
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 03:07:24 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
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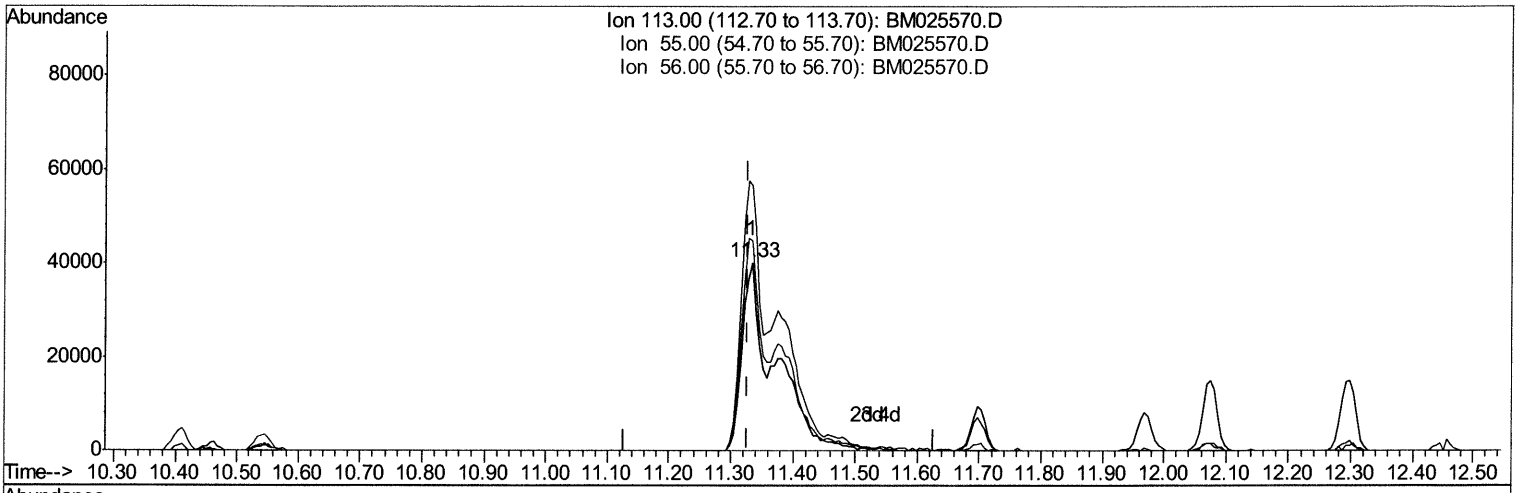

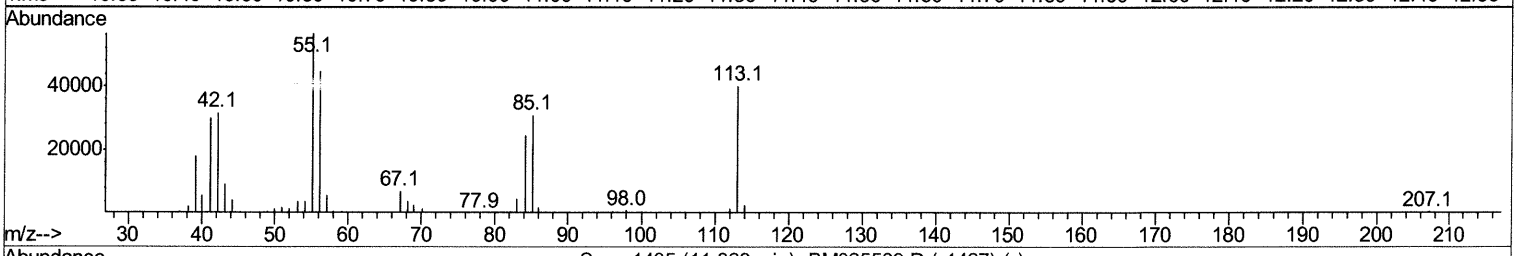

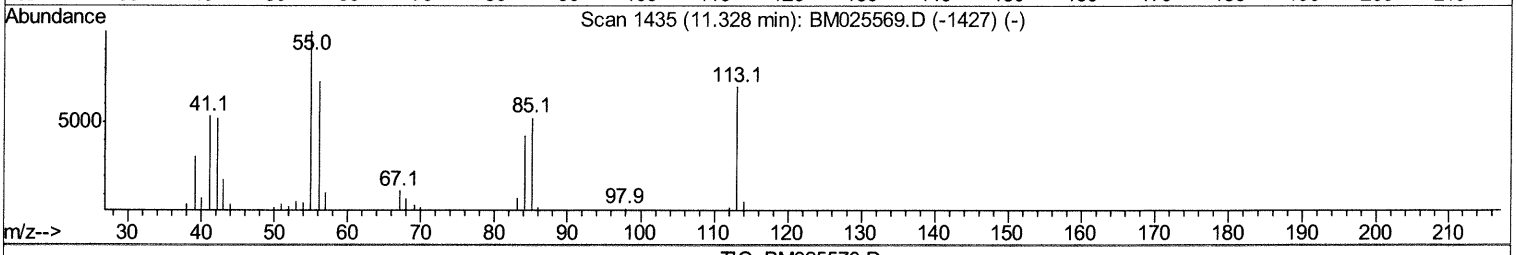

TIC: BM025570.D

(32) Caprolactam

11.333min (+0.006) 48.46ng/ul m Ju 03/16/20

response 146778

Ion	Exp%	Act%
113.00	100	100
55.00	144.20	140.93
56.00	104.20	111.52
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031420\
Data File : BM025570.D
Acq On : 14 Mar 2020 14:05
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
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3/16/2020 1:53:31 PM

Quant Time: Mar 16 03:56:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 03:07:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	165421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	678807	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	438938	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	935702	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	969699	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1125849	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	63326	18.41	ng/uL	0.00
5) Phenol-d5	6.82	99	521875	47.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	300497	48.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	439676	44.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	432834	46.68	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	213242	43.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	236857	40.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	465460	39.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	563710	51.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1337752	40.38	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1668938	43.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	259664	48.23	ng/ul	0.00
58) Fluorene-d10	15.27	176	1188801	40.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	240087	39.36	ng/ul	0.00
71) Anthracene-d10	17.12	188	1811984	42.42	ng/ul	0.00
79) Pyrene-d10	19.41	212	1972137	40.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	2424783	42.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	67980	18.744	ng/uL	91
4) Benzaldehyde	6.79	77	344003	47.596	ng/ul	98
6) Phenol	6.85	94	542166	46.872	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.07	93	433782	46.443	ng/ul	100
10) 2-Chlorophenol	7.21	128	456992	45.528	ng/ul	99
11) 2-Methylphenol	8.08	108	421778	46.978	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	577509	78.624	ng/ul	97
14) Acetophenone	8.45	105	664605	45.483	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.45	70	341647	49.468	ng/ul	99
16) 4-Methylphenol	8.41	108	459717	47.425	ng/ul	100
17) Hexachloroethane	8.71	117	188198	41.581	ng/ul	96
20) Nitrobenzene	8.82	77	510736	43.823	ng/ul	100
21) Isophorone	9.35	82	951539	45.023	ng/ul	99
23) 2-Nitrophenol	9.53	139	257201	41.201	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	510013	43.731	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	597030	45.036	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	454267	39.314	ng/ul	99
28) Naphthalene	10.46	128	1497633	43.181	ng/ul	100
30) 4-Chloroaniline	10.56	127	572844	52.440	ng/ul	99
31) Hexachlorobutadiene	10.76	225	287854	29.990	ng/ul	98
32) Caprolactam	11.33	113	146778m	48.458	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	481179	44.880	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	1079639	42.259	ng/ul	99

JU 03/16/20

Quantitation Report (QT Reviewed)

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Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04004

Manual Integrations APPROVED
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3/16/2020 1:53:31 PM

Quant Time: Mar 16 03:56:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 03:07:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1068703	41.944	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	557343	35.906	ng/ul	98
38) Hexachlorocyclopentadiene	12.44	237	383014	34.992	ng/ul	99
39) 2,4,6-Trichlorophenol	12.69	196	371309	38.864	ng/ul	98
40) 2,4,5-Trichlorophenol	12.76	196	402211	40.277	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1423780	43.939	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	1126508	42.579	ng/ul	99
43) 2-Nitroaniline	13.34	65	299005	53.597	ng/ul	99
45) Dimethylphthalate	13.74	163	1397510	40.432	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	299346	42.829	ng/ul	93
48) Acenaphthylene	13.99	152	1793286	44.743	ng/ul	99
49) 3-Nitroaniline	14.17	138	275264	52.286	ng/ul	95
50) Acenaphthene	14.34	153	1199422	44.313	ng/ul	100
51) 2,4-Dinitrophenol	14.38	184	166948	39.209	ng/ul	98
53) 4-Nitrophenol	14.49	109	200720	45.649	ng/ul	98
54) Dibenzofuran	14.67	168	1668935	41.364	ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	430878	43.196	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.90	232	364547	37.360	ng/ul#	98
57) Diethylphthalate	15.12	149	1431022	41.843	ng/ul	99
59) Fluorene	15.33	166	1419604	42.691	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	715401	37.366	ng/ul	98
61) 4-Nitroaniline	15.34	138	322265	49.430	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	261066	39.990	ng/ul	96
65) N-Nitrosodiphenylamine	15.54	169	1200161	45.917	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	476605	40.650	ng/ul	99
67) Hexachlorobenzene	16.33	284	580938	41.925	ng/ul	99
68) Atrazine	16.50	200	447014	39.804	ng/ul	99
69) Pentachlorophenol	16.67	266	337964	40.761	ng/ul	98
70) Phenanthrene	17.06	178	2251258	44.126	ng/ul	99
72) Anthracene	17.15	178	2330762	45.046	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	593637	38.637	ng/uL	97
74) Pentachlorobenzene	14.60	250	659269	40.432	ng/uL	98
75) Carbazole	17.42	167	1997693	46.344	ng/ul	99
76) Di-n-butylphthalate	18.00	149	2438912	44.469	ng/ul	100
77) Fluoranthene	19.08	202	2629583	41.985	ng/ul	98
80) Pyrene	19.44	202	2710001	42.220	ng/ul	99
81) Butylbenzylphthalate	20.36	149	1091688	45.470	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	996712	43.972	ng/ul	98
83) Benzo(a)anthracene	21.19	228	2647453	40.531	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	1689362	44.453	ng/ul	99
85) Chrysene	21.24	228	2578964	40.104	ng/ul	99
87) Di-n-octyl phthalate	22.01	149	2818108	41.887	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	2938020	41.039	ng/ul	100
89) Benzo(k)fluoranthene	22.79	252	2865544	41.585	ng/ul	99
91) Benzo(a)pyrene	23.30	252	2674449	41.669	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.56	276	3504392	43.857	ng/ul	99
93) Dibenzo(a,h)anthracene	25.57	278	2957287	43.437	ng/ul	100
94) Benzo(g,h,i)perylene	26.21	276	2872454	43.222	ng/ul	99

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Misc :
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3/16/2020 1:53:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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