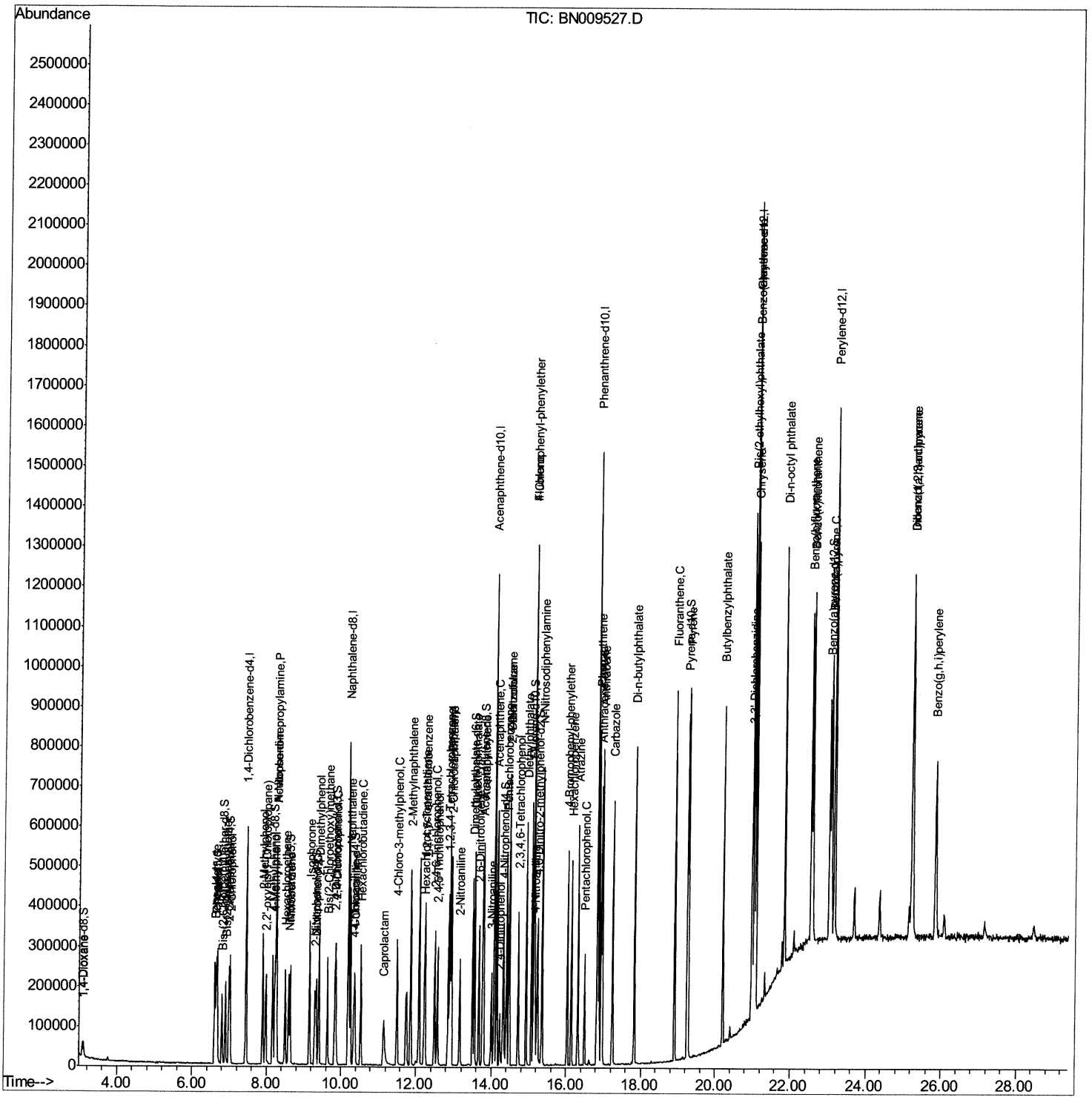
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009527.D
Acq On : 03 Feb 2020 13:40
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 03 15:01:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01054

Manual Integrations APPROVED
mohammad
2/4/2020 6:14:04 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009527.D
Acq On : 03 Feb 2020 13:40
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 03 14:59:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01054

Manual Integrations APPROVED
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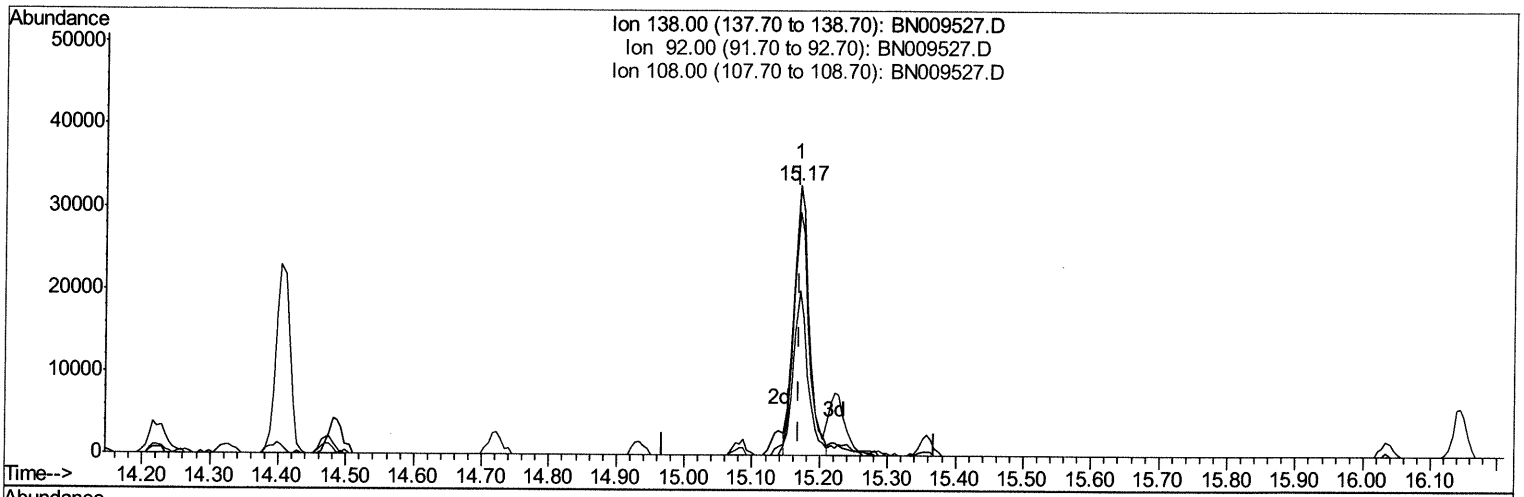
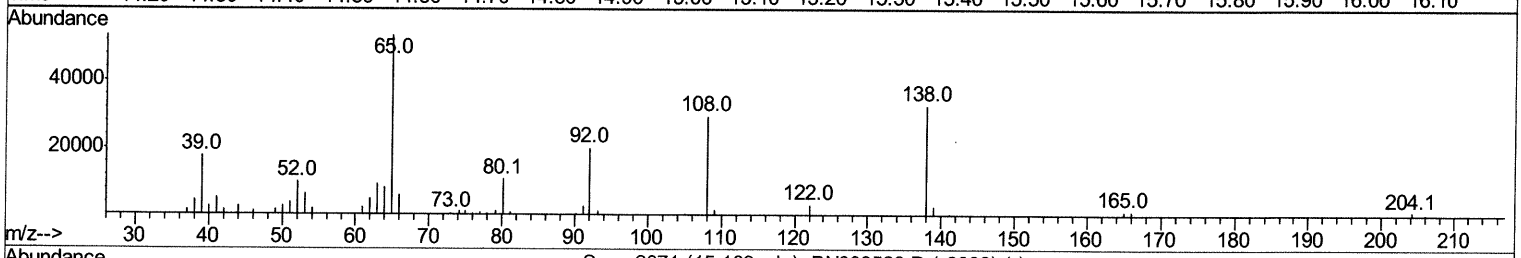
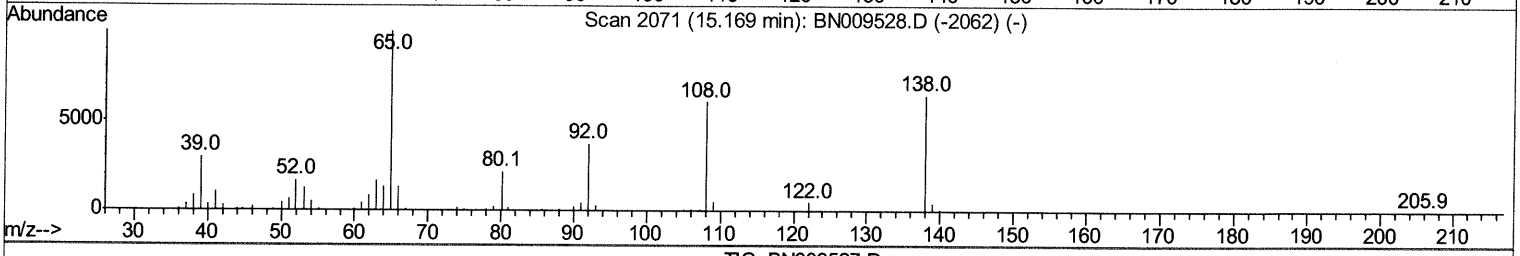
2/4/2020 6:14:04 PM







TIC: BN009527.D

(60) 4-Nitroaniline

15.169min (+0.000) 8.95ng/ul

response 50819

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	61.07
108.00	93.90	89.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009527.D
Acq On : 03 Feb 2020 13:40
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 03 15:00:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01054

Manual Integrations APPROVED
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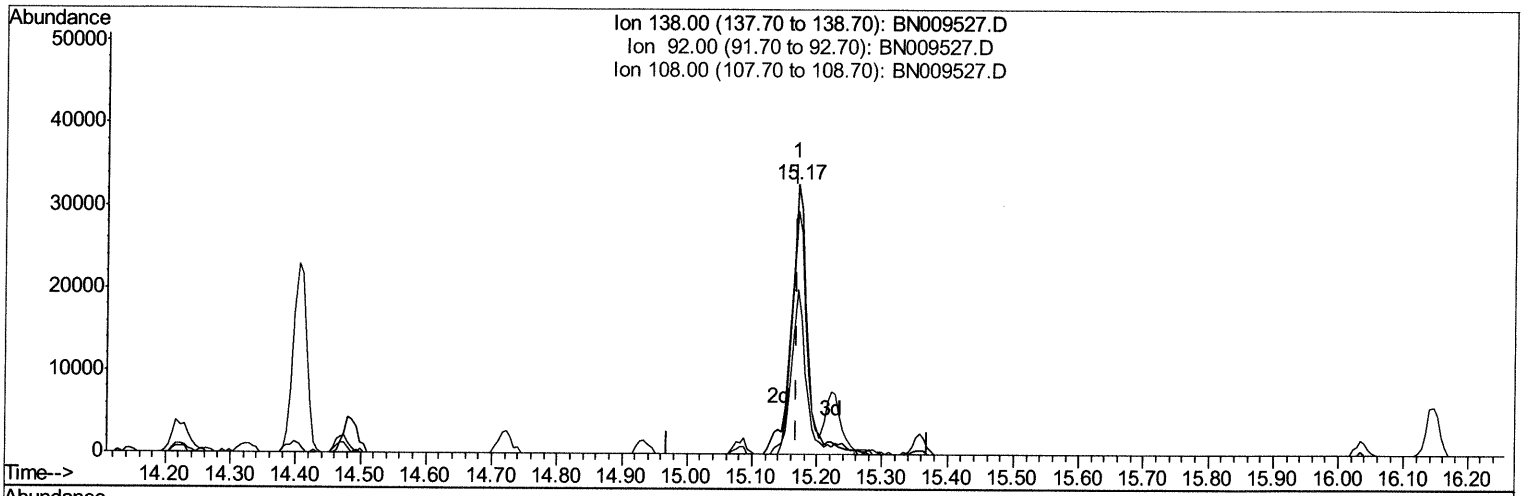
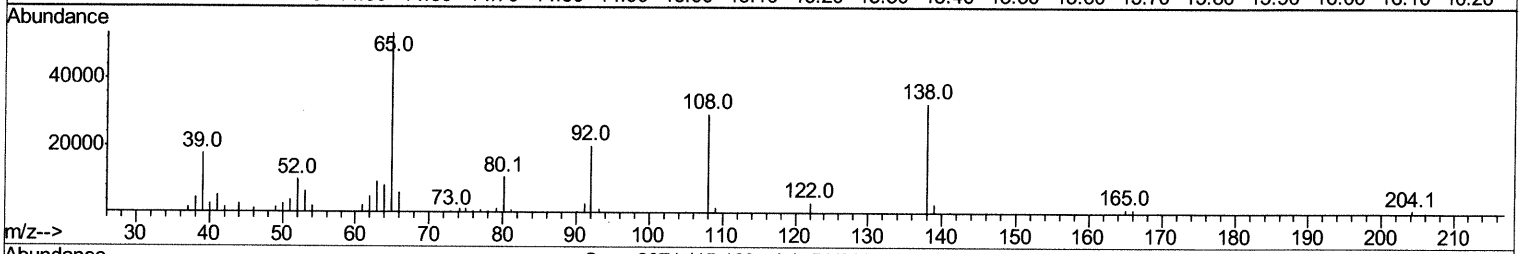
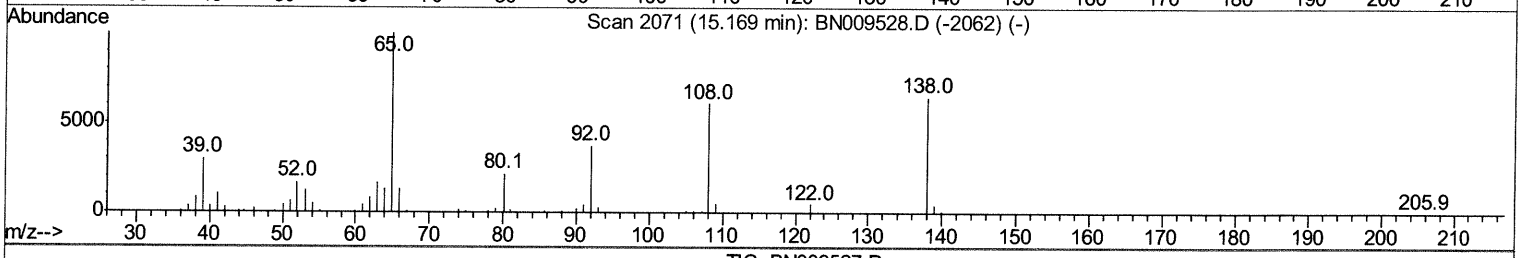
2/4/2020 6:14:04 PM







TIC: BN009527.D

(60) 4-Nitroaniline

15.169min (+0.000) 10.06ng/ul m JU 02/05/20

response 57130

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	61.07
108.00	93.90	89.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009527.D
Acq On : 03 Feb 2020 13:40
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 03 15:01:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD01054

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	138557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	577001	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	371634	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	802618	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	767617	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	823434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	14182	4.23	ng/uL	0.00
5) Phenol-d5	6.64	99	109453	8.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	78353	8.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	86580	9.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	86950	8.89	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	41566	9.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	44823	10.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	85230	9.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	81857	7.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	268036	9.75	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	316401	9.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	44881	8.77	ng/ul	0.00
57) Fluorene-d10	15.08	176	233570	9.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	41081	8.45	ng/ul	0.00
70) Anthracene-d10	16.93	188	361765	9.74	ng/ul	0.00
78) Pyrene-d10	19.24	212	389788	9.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	391997	9.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	15488	4.153	ng/uL	95
4) Benzaldehyde	6.61	77	81386	12.620	ng/ul	98
6) Phenol	6.67	94	115963	9.009	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.89	93	96502	9.348	ng/ul	97
10) 2-Chlorophenol	7.02	128	90661	9.714	ng/ul	98
11) 2-Methylphenol	7.89	108	85787	9.025	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.98	45	240957	8.883	ng/ul	98
14) Acetophenone	8.26	105	143391	9.075	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	78769	9.180	ng/ul	90
16) 4-Methylphenol	8.22	108	97123	9.330	ng/ul	100
17) Hexachloroethane	8.50	117	40430	9.351	ng/ul	99
20) Nitrobenzene	8.63	77	118942	9.636	ng/ul	99
21) Isophorone	9.15	82	216489	9.889	ng/ul	97
23) 2-Nitrophenol	9.33	139	49224	10.153	ng/ul	95
24) 2,4-Dimethylphenol	9.40	107	108572	9.760	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.63	93	128936	9.619	ng/ul	98
27) 2,4-Dichlorophenol	9.86	162	88525	10.358	ng/ul	98
28) Naphthalene	10.24	128	309730	9.975	ng/ul	99
30) 4-Chloroaniline	10.37	127	86126	8.109	ng/ul	95
31) Hexachlorobutadiene	10.53	225	57999	9.888	ng/ul	93
32) Caprolactam	11.15	113	25841	8.825	ng/ul	93
33) 4-Chloro-3-methylphenol	11.50	107	101240	9.762	ng/ul	98
34) 2-Methylnaphthalene	11.86	142	217502	10.175	ng/ul	97

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Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01054

Manual Integrations APPROVED
mohammad
2/4/2020 6:14:04 PM

Quant Time: Feb 03 15:01:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	106961	9.957	ng/ul	90
37) Hexachlorocyclopentadiene	12.23	237	43314	6.619	ng/ul	93
38) 2,4,6-Trichlorophenol	12.50	196	67855	10.219	ng/ul	94
39) 2,4,5-Trichlorophenol	12.57	196	76565	10.481	ng/ul	90
40) 1,1'-Biphenyl	12.90	154	286411	10.178	ng/ul	99
41) 2-Chloronaphthalene	12.94	162	224493	10.104	ng/ul	97
42) 2-Nitroaniline	13.16	65	76397	9.416	ng/ul	98
44) Dimethylphthalate	13.55	163	284578	10.050	ng/ul	99
45) 2,6-Dinitrotoluene	13.67	165	52656	9.774	ng/ul	98
47) Acenaphthylene	13.79	152	348065	9.880	ng/ul	99
48) 3-Nitroaniline	14.00	138	45206	8.988	ng/ul	100
49) Acenaphthene	14.15	153	241360	10.042	ng/ul	100
50) 2,4-Dinitrophenol	14.22	184	23944	7.655	ng/ul	92
52) 4-Nitrophenol	14.32	109	40699	8.590	ng/ul	98
53) Dibenzofuran	14.49	168	335094	10.034	ng/ul	100
54) 2,4-Dinitrotoluene	14.47	165	78259	9.739	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.72	232	63854	10.229	ng/ul#	97
56) Diethylphthalate	14.93	149	279024	9.635	ng/ul	100
58) Fluorene	15.14	166	281186	10.049	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.14	204	137421	9.963	ng/ul	96
60) 4-Nitroaniline	15.17	138	57130m	> 10.059	ng/ul	> 97 JU 02/05/20
63) 4,6-Dinitro-2-methylphenol	15.24	198	46033	8.898	ng/ul	97
64) N-Nitrosodiphenylamine	15.36	169	237085	9.976	ng/ul	98
65) 4-Bromophenyl-phenylether	16.04	248	75709	9.359	ng/ul	95
66) Hexachlorobenzene	16.15	284	87394	9.739	ng/ul	96
67) Atrazine	16.32	200	83232	9.572	ng/ul	95
68) Pentachlorophenol	16.50	266	42815	8.208	ng/ul	95
69) Phenanthrene	16.87	178	451344	9.966	ng/ul	99
71) Anthracene	16.97	178	458534	9.944	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	114302	10.398	ng/uL	97
73) Pentachlorobenzene	14.41	250	110496	10.340	ng/uL	99
74) Carbazole	17.25	167	387554	9.818	ng/ul	100
75) Di-n-butylphthalate	17.83	149	475588	9.862	ng/ul	100
76) Fluoranthene	18.90	202	514496	9.910	ng/ul	100
79) Pyrene	19.27	202	540668	9.728	ng/ul	97
80) Butylbenzylphthalate	20.20	149	203100	9.468	ng/ul	92
81) 3,3'-Dichlorobenzidine	20.97	252	144459	8.928	ng/ul	96
82) Benzo(a)anthracene	21.03	228	521463	9.976	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.99	149	314703	9.672	ng/ul	100
84) Chrysene	21.08	228	508105	9.978	ng/ul	99
86) Di-n-octyl phthalate	21.84	149	528050	8.965	ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	509204	9.780	ng/ul	98
88) Benzo(k)fluoranthene	22.58	252	496547	9.699	ng/ul	99
90) Benzo(a)pyrene	23.07	252	462099	9.888	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.22	276	555332	9.805	ng/ul	99
92) Dibenzo(a,h)anthracene	25.23	278	474543	9.931	ng/ul	96
93) Benzo(g,h,i)perylene	25.84	276	469443	9.965	ng/ul	98

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