

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
 Data File : BM021558.D
 Acq On : 19 Jul 2019 15:13
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02050

Quant Time: Jul 19 16:43:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 00:39:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	147949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	581125	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	337350	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	768331	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	847181	20.00	ng/ul	-0.01
85) Perylene-d12	23.55	264	966498	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	24512	8.16	ng/uL	0.00
5) Phenol-d5	6.89	99	219477	19.08	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	130774	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	191264	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	174468	19.04	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	87407	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	90915	16.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	201461	18.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	222200	22.76	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	544141	18.42	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	708084	19.09	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.58	143	79728	17.03	ng/ul	0.00
57) Fluorene-d10	15.35	176	491275	18.63	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	78293	15.16	ng/ul	0.00
70) Anthracene-d10	17.21	188	764516	19.16	ng/ul	0.00
78) Pyrene-d10	19.50	212	864300	18.59	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.41	264	996752	17.93	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	26473	8.386	ng/uL 98
4) Benzaldehyde	6.88	77	160186	25.793	ng/ul 96
6) Phenol	6.92	94	227201	20.634	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.15	93	175931	20.665	ng/ul 98
10) 2-Chlorophenol	7.28	128	193060	20.288	ng/ul 98
11) 2-Methylphenol	8.16	108	169661	20.221	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.23	45	226925	21.860	ng/ul 99
14) Acetophenone	8.54	105	288455	20.901	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	139123	20.103	ng/ul 95
16) 4-Methylphenol	8.48	108	184628	20.755	ng/ul 93
17) Hexachloroethane	8.78	117	88238	21.206	ng/ul 99
20) Nitrobenzene	8.92	77	227953	21.261	ng/ul 98
21) Isophorone	9.44	82	388130	20.424	ng/ul 99
23) 2-Nitrophenol	9.62	139	102930	19.095	ng/ul 95
24) 2,4-Dimethylphenol	9.68	107	214363	20.440	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.92	93	237138	20.006	ng/ul 99
27) 2,4-Dichlorophenol	10.15	162	196162	19.865	ng/ul 98
28) Naphthalene	10.55	128	612009	20.236	ng/ul 100
30) 4-Chloroaniline	10.67	127	224505	24.064	ng/ul 98
31) Hexachlorobutadiene	10.81	225	150802	20.663	ng/ul 99
32) Caprolactam	11.47	113	57457	22.296	ng/ul 98
33) 4-Chloro-3-methylphenol	11.79	107	185617	20.194	ng/ul 96
34) 2-Methylnaphthalene	12.16	142	447467	20.072	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	265993	20.274	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	124908	18.715	ng/ul	100
38) 2,4,6-Trichlorophenol	12.78	196	156233	20.010	ng/ul	98
39) 2,4,5-Trichlorophenol	12.86	196	170543	20.608	ng/ul	97
40) 1,1'-Biphenyl	13.18	154	572378	20.272	ng/ul	99
41) 2-Chloronaphthalene	13.23	162	462054	20.420	ng/ul	99
42) 2-Nitroaniline	13.45	65	94717	19.157	ng/ul	92
44) Dimethylphthalate	13.82	163	547011	19.882	ng/ul	98
45) 2,6-Dinitrotoluene	13.95	165	92493	18.462	ng/ul	96
47) Acenaphthylene	14.07	152	654969	20.294	ng/ul	99
48) 3-Nitroaniline	14.29	138	85154	18.895	ng/ul	94
49) Acenaphthene	14.42	153	474601	20.237	ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	45754	15.186	ng/ul	93
52) 4-Nitrophenol	14.59	109	69983	20.067	ng/ul	94
53) Dibenzofuran	14.76	168	689191	20.287	ng/ul	97
54) 2,4-Dinitrotoluene	14.74	165	147907	19.249	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.99	232	144365	19.573	ng/ul	97
56) Diethylphthalate	15.19	149	518060	19.613	ng/ul	99
58) Fluorene	15.41	166	555932	20.227	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	309422	20.144	ng/ul	98
60) 4-Nitroaniline	15.46	138	81247	17.558	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.50	198	83342	16.220	ng/ul	98
64) N-Nitrosodiphenylamine	15.62	169	462607	20.240	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	191394	20.133	ng/ul	99
66) Hexachlorobenzene	16.40	284	226710	20.059	ng/ul	97
67) Atrazine	16.58	200	190327	22.540	ng/ul	99
68) Pentachlorophenol	16.76	266	115337	19.360	ng/ul	99
69) Phenanthrene	17.15	178	876956	20.242	ng/ul	99
71) Anthracene	17.25	178	905625	20.538	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.15	216	259917	20.636	ng/uL	99
73) Pentachlorobenzene	14.67	250	275385	21.225	ng/uL	99
74) Carbazole	17.52	167	745256	20.363	ng/ul	99
75) Di-n-butylphthalate	18.07	149	797024	19.008	ng/ul	99
76) Fluoranthene	19.17	202	1058035	20.567	ng/ul	98
79) Pvrene	19.53	202	1106244	19.730	ng/ul	98
80) Butylbenzylphthalate	20.44	149	345330	17.387	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.23	252	338230	17.956	ng/ul	98
82) Benzo(a)anthracene	21.29	228	1177844	20.302	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.21	149	514924	17.626	ng/ul	99
84) Chrysene	21.34	228	1127857	20.679	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	918939	17.601	ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	1234324	20.494	ng/ul	99
88) Benzo(k)fluoranthene	22.92	252	1205547	20.095	ng/ul	99
90) Benzo(a)pyrene	23.46	252	1186101	20.389	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.82	276	1492188	20.765	ng/ul	100
92) Dibenzo(a,h)anthracene	25.83	278	1242393	20.566	ng/ul	99
93) Benzo(g,h,i)perylene	26.52	276	1227681	20.708	ng/ul	99

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

