

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040519\
 Data File : BM019751.D
 Acq On : 05 Apr 2019 16:21
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02098

Manual Integrations
 APPROVED

Sohil
 4/8/2019 6:10:41 PM

Quant Time: Apr 06 01:00:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	135838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	630584	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	375917	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	835151	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	811117	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	701704	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	23260	6.70	ng/uL	0.00
5) Phenol-d5	6.75	99	241768	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	153935	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	187857	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	192438	21.19	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	90942	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	103665	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	196379	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	242274	21.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	579236	19.10	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	745111	19.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	83418	17.54	ng/ul	0.00
58) Fluorene-d10	15.23	176	510853	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	88402	16.01	ng/ul	0.00
71) Anthracene-d10	17.09	188	786996	19.64	ng/ul	0.00
79) Pyrene-d10	19.39	212	800179	21.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	726799	19.54	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	24367	6.172	ng/uL 92
4) Benzaldehyde	6.73	77	178414	20.591	ng/ul 96
6) Phenol	6.77	94	254440	20.157	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.01	93	184825	19.139	ng/ul 98
10) 2-Chlorophenol	7.13	128	190623	20.454	ng/ul 98
11) 2-Methylphenol	8.02	108	183574	20.853	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	178307	19.480	ng/ul# 83
14) Acetophenone	8.40	105	297146	20.095	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.37	70	179128	21.616	ng/ul# 86
16) 4-Methylphenol	8.35	108	206645	21.402	ng/ul 95
17) Hexachloroethane	8.61	117	77313	19.738	ng/ul# 80
20) Nitrobenzene	8.77	77	244134	18.232	ng/ul 99
21) Isophorone	9.29	82	457205	19.903	ng/ul 98
23) 2-Nitrophenol	9.48	139	112879	20.440	ng/ul 96
24) 2,4-Dimethylphenol	9.53	107	231313	19.275	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.77	93	263900	19.038	ng/ul 98
27) 2,4-Dichlorophenol	10.00	162	192686	20.642	ng/ul 97
28) Naphthalene	10.39	128	621591	19.028	ng/ul 99
30) 4-Chloroaniline	10.53	127	250531	20.977	ng/ul 98
31) Hexachlorobutadiene	10.65	225	109662	18.622	ng/ul 98
32) Caprolactam	11.35	113	60614m	21.870	ng/ul
33) 4-Chloro-3-methylphenol	11.66	107	218034	21.669	ng/ul 96
34) 2-Methylnaphthalene	12.01	142	458204	20.018	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.24	142	432070	19.991	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	221162	18.489	ng/ul#	95
38) Hexachlorocyclopentadiene	12.35	237	112930	18.405	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.65	196	150548	20.172	ng/ul	98
40) 2,4,5-Trichlorophenol	12.73	196	163525	20.431	ng/ul	97
41) 1,1'-Biphenyl	13.05	154	594448	18.567	ng/ul#	95
42) 2-Chloronaphthalene	13.09	162	467301	19.058	ng/ul	98
43) 2-Nitroaniline	13.33	65	142572	21.173	ng/ul	91
45) Dimethylphthalate	13.69	163	581452	19.106	ng/ul#	98
46) 2,6-Dinitrotoluene	13.83	165	119188	21.333	ng/ul	95
48) Acenaphthylene	13.94	152	733067	19.501	ng/ul	99
49) 3-Nitroaniline	14.17	138	116622	21.332	ng/ul	94
50) Acenaphthene	14.29	153	502594	18.984	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	48836	15.097	ng/ul#	80
53) 4-Nitrophenol	14.49	109	64334	17.288	ng/ul#	76
54) Dibenzofuran	14.63	168	714051	19.313	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	176600	21.346	ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	14.86	232	135559	20.106	ng/ul#	74
57) Diethylphthalate	15.06	149	596373	19.923	ng/ul	97
59) Fluorene	15.28	166	577640	19.716	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.28	204	277793	19.006	ng/ul	93
61) 4-Nitroaniline	15.34	138	125639	21.053	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.39	198	93955	16.069	ng/ul#	86
65) N-Nitrosodiphenylamine	15.50	169	495921	19.087	ng/ul	98
66) 4-Bromophenyl-phenylether	16.17	248	170119	18.757	ng/ul	94
67) Hexachlorobenzene	16.28	284	206360	18.790	ng/ul	91
68) Atrazine	16.46	200	172149	18.933	ng/ul	94
69) Pentachlorophenol	16.64	266	103367	18.007	ng/ul	99
70) Phenanthrene	17.03	178	895740	18.917	ng/ul	100
72) Anthracene	17.12	178	932852	19.310	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	214802	17.740	ng/uL	99
74) Pentachlorobenzene	14.54	250	230019	18.162	ng/uL	97
75) Carbazole	17.40	167	829269	19.141	ng/ul	98
76) Di-n-butylphthalate	17.95	149	1009936	21.030	ng/ul	99
77) Fluoranthene	19.06	202	1013687	18.682	ng/ul#	87
80) Pyrene	19.42	202	1043354	21.381	ng/ul#	82
81) Butylbenzylphthalate	20.33	149	485616	25.134	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.12	252	350883	19.913	ng/ul#	96
83) Benzo(a)anthracene	21.18	228	946416	19.386	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	725161	25.894	ng/ul#	95
85) Chrysene	21.23	228	885556	18.904	ng/ul	98
87) Di-n-octyl phthalate	21.97	149	1209784	27.640	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	836362	19.567	ng/ul#	96
89) Benzo(k)fluoranthene	22.78	252	820958	20.001	ng/ul#	96
91) Benzo(a)pyrene	23.30	252	778034	19.041	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.61	276	925454	18.087	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.61	278	784480	17.984	ng/ul#	96
94) Benzo(g,h,i)perylene	26.29	276	765181	17.895	ng/ul#	92

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

