

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017312.D
 Acq On : 24 Oct 2018 11:51
 Operator : MJ/SJ
 Sample : SSTD04069
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04069

Manual Integrations
 APPROVED

Sohil
 10/25/2018 3:33:44 PM

Quant Time: Oct 24 12:28:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 24 11:57:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	243008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1086662	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	642016	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1498864	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1862213	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2048370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	83223	17.02	ng/uL	0.00
5) Phenol-d5	6.84	99	892469	43.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	517633	42.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	718700	42.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	707729	44.46	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	352423	44.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	403144	49.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	744107	44.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	625699	31.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	2196666	43.12	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2770763	42.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	427835	44.45	ng/ul	0.00
58) Fluorene-d10	15.30	176	1902855	41.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	433173	49.01	ng/ul	0.00
71) Anthracene-d10	17.15	188	3026901	42.28	ng/ul	0.00
79) Pyrene-d10	19.45	212	3488189	41.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	4447901	42.41	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.26	88	85531	16.649 ng/uL	97
4) Benzaldehyde	6.82	77	167624m	13.293 ng/ul	
6) Phenol	6.86	94	886509	43.622 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	665733	42.312 ng/ul	99
10) 2-Chlorophenol	7.23	128	715426	42.543 ng/ul	99
11) 2-Methylphenol	8.10	108	666115	43.531 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.19	45	889409m	39.301 ng/ul	
14) Acetophenone	8.48	105	1082957	42.812 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	544362	46.234 ng/ul	98
16) 4-Methylphenol	8.43	108	725045	44.224 ng/ul	98
17) Hexachloroethane	8.72	117	273161	39.762 ng/ul	99
20) Nitrobenzene	8.85	77	796494	42.428 ng/ul	99
21) Isophorone	9.38	82	1486547	43.638 ng/ul	99
23) 2-Nitrophenol	9.56	139	416374	45.610 ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	805031	43.473 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	917891	41.973 ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	700796	43.391 ng/ul	98
28) Naphthalene	10.48	128	2262140	40.518 ng/ul	100
30) 4-Chloroaniline	10.60	127	641310	31.680 ng/ul	100
31) Hexachlorobutadiene	10.76	225	441931	40.243 ng/ul	97
32) Caprolactam	11.39	113	231522	47.028 ng/ul	98
33) 4-Chloro-3-methylphenol	11.73	107	773396	46.608 ng/ul	98
34) 2-Methylnaphthalene	12.10	142	1673576	42.446 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1593610	41.513	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	869648	39.448	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	562393	39.784	ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	578008	43.446	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	617452	43.236	ng/ul	98
41) 1,1'-Biphenyl	13.13	154	2122048	40.092	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1675404	40.182	ng/ul	100
43) 2-Nitroaniline	13.39	65	508109	55.840	ng/ul	97
45) Dimethylphthalate	13.77	163	2133566	42.300	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	453476	53.401	ng/ul	98
48) Acenaphthylene	14.02	152	2565031	41.135	ng/ul	99
49) 3-Nitroaniline	14.22	138	424140	44.907	ng/ul	92
50) Acenaphthene	14.36	153	1808944	40.823	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	296648	54.150	ng/ul	95
53) 4-Nitrophenol	14.53	109	324445	46.428	ng/ul	96
54) Dibenzofuran	14.70	168	2557426	40.873	ng/ul	99
55) 2,4-Dinitrotoluene	14.68	165	676097	49.207	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.93	232	566936	44.248	ng/ul	99
57) Diethylphthalate	15.14	149	2139125	43.362	ng/ul	100
59) Fluorene	15.36	166	2115115	41.461	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	1061608	39.927	ng/ul	98
61) 4-Nitroaniline	15.39	138	491244	44.068	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.44	198	447909	47.809	ng/ul	95
65) N-Nitrosodiphenylamine	15.57	169	1854945	41.773	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	689466	40.975	ng/ul	96
67) Hexachlorobenzene	16.36	284	763822	40.174	ng/ul	94
68) Atrazine	16.53	200	672897	43.584	ng/ul	99
69) Pentachlorophenol	16.70	266	493880	43.085	ng/ul	98
70) Phenanthrene	17.10	178	3466708	41.250	ng/ul	99
72) Anthracene	17.19	178	3551985	41.595	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	860031	35.954	ng/uL	99
74) Pentachlorobenzene	14.62	250	870430	38.732	ng/uL	98
75) Carbazole	17.46	167	3199150	43.287	ng/ul	99
76) Di-n-butylphthalate	18.03	149	3736896	45.227	ng/ul	99
77) Fluoranthene	19.12	202	4208943	43.236	ng/ul	98
80) Pyrene	19.48	202	4333256	40.161	ng/ul	98
81) Butylbenzylphthalate	20.39	149	1832226	49.214	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.17	252	1539510	46.536	ng/ul	99
83) Benzo(a)anthracene	21.23	228	4548944	40.720	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2695868	46.721	ng/ul	100
85) Chrysene	21.29	228	4323125	40.012	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	4726108	43.148	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	4850223	39.765	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	4770612	40.713	ng/ul	99
91) Benzo(a)pyrene	23.37	252	4784396	40.702	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.68	276	5829065	42.003	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	4837012	41.869	ng/ul	99
94) Benzo(g,h,i)perylene	26.35	276	4938705	42.736	ng/ul	99

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

