

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110918\
 Data File : BM017569.D
 Acq On : 08 Nov 2018 16:49
 Operator : MJ/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02093

Manual Integrations
 APPROVED

Sohil
 11/9/2018 5:19:04 PM

Quant Time: Nov 09 16:32:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 09 16:25:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	208653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	939240	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	595898	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1502467	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1954625	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	2039400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	36305	8.01	ng/uL	0.00
5) Phenol-d5	6.80	99	374240	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	231363	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	303621	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	310440	20.60	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	148732	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	167058	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	319154	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	287634	23.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1062309	20.79	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1265372	20.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	192503	20.16	ng/ul	0.00
58) Fluorene-d10	15.26	176	920390	20.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	203134	19.40	ng/ul	0.00
71) Anthracene-d10	17.12	188	1516238	20.39	ng/ul	0.00
79) Pyrene-d10	19.42	212	1807900	19.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	2228123	20.69	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.24	88	37884	8.290	ng/uL 93
4) Benzaldehyde	6.78	77	67969m	18.712	ng/ul
6) Phenol	6.83	94	373242	19.722	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.06	93	288374	20.113	ng/ul 96
10) 2-Chlorophenol	7.19	128	300703	20.257	ng/ul 97
11) 2-Methylphenol	8.07	108	283830	19.913	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	433911	22.711	ng/ul 99
14) Acetophenone	8.45	105	470519	20.263	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.43	70	244903	21.472	ng/ul 92
16) 4-Methylphenol	8.39	108	308772	20.114	ng/ul 95
17) Hexachloroethane	8.68	117	118247	20.371	ng/ul 99
20) Nitrobenzene	8.82	77	366139	21.105	ng/ul 96
21) Isophorone	9.34	82	662054	21.022	ng/ul 100
23) 2-Nitrophenol	9.52	139	175814	20.272	ng/ul 94
24) 2,4-Dimethylphenol	9.58	107	361006	20.937	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.82	93	408291	20.432	ng/ul 99
27) 2,4-Dichlorophenol	10.05	162	304984	20.820	ng/ul 97
28) Naphthalene	10.44	128	990174	20.152	ng/ul 99
30) 4-Chloroaniline	10.57	127	294193	23.055	ng/ul 99
31) Hexachlorobutadiene	10.72	225	192261	19.844	ng/ul 98
32) Caprolactam	11.35	113	101831m	20.492	ng/ul
33) 4-Chloro-3-methylphenol	11.69	107	351058	21.793	ng/ul 100
34) 2-Methylnaphthalene	12.06	142	743634	20.596	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	713245	20.604	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	392902	19.618	ng/ul	99
38) Hexachlorocyclopentadiene	12.41	237	213535	16.720	ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	259994	20.462	ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	283822	20.755	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	974303	19.764	ng/ul	99
42) 2-Chloronaphthalene	13.13	162	761533	19.771	ng/ul	100
43) 2-Nitroaniline	13.35	65	241946	22.280	ng/ul	91
45) Dimethylphthalate	13.73	163	1023997	20.682	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	212317	21.367	ng/ul	97
48) Acenaphthylene	13.99	152	1179881	20.262	ng/ul	99
49) 3-Nitroaniline	14.19	138	193179	20.625	ng/ul	99
50) Acenaphthene	14.33	153	856787	20.549	ng/ul	98
51) 2,4-Dinitrophenol	14.40	184	116897	17.707	ng/ul#	89
53) 4-Nitrophenol	14.50	109	162247	22.414	ng/ul	98
54) Dibenzofuran	14.67	168	1215972	20.587	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	328348	22.149	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	14.90	232	274777	21.709	ng/ul	96
57) Diethylphthalate	15.10	149	1060589	21.427	ng/ul	99
59) Fluorene	15.32	166	1018859	20.926	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.32	204	518595	20.816	ng/ul	97
61) 4-Nitroaniline	15.36	138	221363	19.710	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.42	198	210683	19.708	ng/ul	99
65) N-Nitrosodiphenylamine	15.54	169	901228	19.961	ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	336951	19.971	ng/ul	97
67) Hexachlorobenzene	16.32	284	385157	20.235	ng/ul	97
68) Atrazine	16.50	200	341139	20.538	ng/ul	96
69) Pentachlorophenol	16.67	266	236124	19.864	ng/ul	99
70) Phenanthrene	17.06	178	1734274	20.101	ng/ul	100
72) Anthracene	17.15	178	1769228	20.190	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	392096	18.509	ng/uL	98
74) Pentachlorobenzene	14.59	250	410006	18.813	ng/uL	96
75) Carbazole	17.43	167	1622138	21.171	ng/ul	99
76) Di-n-butylphthalate	18.00	149	1971385	22.019	ng/ul	100
77) Fluoranthene	19.09	202	2206906	22.315	ng/ul	100
80) Pyrene	19.45	202	2265796	19.962	ng/ul	99
81) Butylbenzylphthalate	20.36	149	979223	21.612	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.14	252	816722	21.364	ng/ul	97
83) Benzo(a)anthracene	21.20	228	2426443	20.286	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	1503400	22.705	ng/ul	98
85) Chrysene	21.26	228	2334148	20.522	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	2601628	24.491	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	2532183	21.212	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	2436125	20.891	ng/ul	99
91) Benzo(a)pyrene	23.32	252	2421491	20.763	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.60	276	2647635	18.659	ng/ul	99
93) Dibenzo(a,h)anthracene	25.61	278	2217559	18.715	ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	2174813	18.041	ng/ul	99

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

