

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014406.D
 Acq On : 28 Feb 2018 17:42
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02008

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:14:47 PM

Quant Time: Feb 28 18:20:44 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 12:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	59847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	296604	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	199909	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	494978	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	553244	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	583292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	9048m	6.47	ng/uL	0.00
5) Phenol-d5	6.72	99	99142	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	58727	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	81818	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	93406	21.10	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	44527	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	51355	22.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	93795	19.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	109293	23.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	342812	20.77	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	415305	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	45882	20.13	ng/ul	0.01
57) Fluorene-d10	15.18	176	292091	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	57581	19.39	ng/ul	0.00
70) Anthracene-d10	17.04	188	481852	20.18	ng/ul	0.00
76) Pyrene-d10	19.34	212	541963	18.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	538255	18.96	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.12	88	9624	6.196	ng/uL# 59
4) Benzaldehyde	6.68	77	50980m	24.721	ng/ul
6) Phenol	6.75	94	105634	19.902	ng/ul# 89
8) Bis(2-Chloroethyl)ether	6.96	93	76054	19.748	ng/ul 93
10) 2-Chlorophenol	7.09	128	78579	19.843	ng/ul 93
11) 2-Methylphenol	7.98	108	84431	20.797	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.04	45	89640	23.065	ng/ul# 82
14) Acetophenone	8.35	105	149344	19.558	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.33	70	79190	20.695	ng/ul# 73
16) 4-Methylphenol	8.31	108	93350	21.101	ng/ul 98
17) Hexachloroethane	8.56	117	39789	19.288	ng/ul# 62
20) Nitrobenzene	8.72	77	118845	18.333	ng/ul 96
21) Isophorone	9.24	82	231662	20.893	ng/ul# 93
23) 2-Nitrophenol	9.42	139	51505	20.961	ng/ul 96
24) 2,4-Dimethylphenol	9.49	107	119975	19.916	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.72	93	121415	20.788	ng/ul 99
27) 2,4-Dichlorophenol	9.96	162	91404	20.502	ng/ul# 92
28) Naphthalene	10.34	128	299077	19.632	ng/ul 98
30) 4-Chloroaniline	10.47	127	111031	23.517	ng/ul 99
31) Hexachlorobutadiene	10.61	225	61800	17.472	ng/ul 91
32) Caprolactam	11.27	113	36964m	25.886	ng/ul
33) 4-Chloro-3-methylphenol	11.62	107	113095	20.994	ng/ul 94
34) 2-Methylnaphthalene	11.96	142	219490	18.930	ng/ul 97

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36) 1,2,4,5-Tetrachlorobenzene	12.34	216	121756	18.974	ng/ul#	94
37) Hexachlorocyclopentadiene	12.30	237	48133	13.783	ng/ul#	84
38) 2,4,6-Trichlorophenol	12.60	196	84853	21.194	ng/ul	92
39) 2,4,5-Trichlorophenol	12.69	196	85296	20.848	ng/ul	99
40) 1,1'-Biphenyl	13.00	154	312050	20.264	ng/ul	98
41) 2-Chloronaphthalene	13.04	162	244072	19.841	ng/ul	97
42) 2-Nitroaniline	13.27	65	88307	21.215	ng/ul	87
44) Dimethylphthalate	13.65	163	338870	20.816	ng/ul	99
45) 2,6-Dinitrotoluene	13.78	165	68877	22.270	ng/ul#	85
47) Acenaphthylene	13.90	152	393196	20.435	ng/ul	99
48) 3-Nitroaniline	14.12	138	57168	21.808	ng/ul#	94
49) Acenaphthene	14.24	153	270924	19.996	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	39332	23.645	ng/ul#	74
52) 4-Nitrophenol	14.46	109	73255m	24.514	ng/ul	
53) Dibenzofuran	14.58	168	385524	18.977	ng/ul	93
54) 2,4-Dinitrotoluene	14.59	165	105730	21.336	ng/ul#	54
55) 2,3,4,6-Tetrachlorophenol	14.82	232	81883	19.791	ng/ul#	74
56) Diethylphthalate	15.02	149	362720	19.995	ng/ul#	92
58) Fluorene	15.23	166	333527	19.017	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.23	204	170250	18.559	ng/ul	91
60) 4-Nitroaniline	15.29	138	60548	20.596	ng/ul#	85
63) 4,6-Dinitro-2-methylphenol	15.36	198	60131	19.897	ng/ul#	88
64) N-Nitrosodiphenylamine	15.46	169	283369	19.922	ng/ul	99
65) 4-Bromophenyl-phenylether	16.13	248	105286	19.062	ng/ul#	88
66) Hexachlorobenzene	16.25	284	111533	19.203	ng/ul#	86
67) Atrazine	16.42	200	116464	20.732	ng/ul	95
68) Pentachlorophenol	16.60	266	57720	18.964	ng/ul	96
69) Phenanthrene	16.98	178	553979	19.425	ng/ul	100
71) Anthracene	17.07	178	568746	19.830	ng/ul	98
72) Carbazole	17.36	167	501653	20.801	ng/ul	99
73) Di-n-butylphthalate	17.92	149	639848	20.565	ng/ul	98
74) Fluoranthene	19.01	202	684677	20.095	ng/ul#	92
77) Pyrene	19.37	202	688030	18.713	ng/ul#	92
78) Butylbenzylphthalate	20.29	149	310333	20.414	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.08	252	221517	22.774	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	686523	19.883	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.07	149	440780	20.245	ng/ul#	93
82) Chrysene	21.19	228	644690	20.015	ng/ul	98
84) Di-n-octyl phthalate	21.93	149	758599	15.156	ng/ul#	93
85) Benzo(b)fluoranthene	22.68	252	682090	17.464	ng/ul#	99
86) Benzo(k)fluoranthene	22.73	252	639856	17.231	ng/ul#	99
88) Benzo(a)pyrene	23.23	252	658219	18.860	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	820646	24.232	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.50	278	706181	25.095	ng/ul#	95
91) Benzo(g,h,i)perylene	26.15	276	677298	24.687	ng/ul#	96

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

