

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
 Data File : BM015742.D
 Acq On : 25 Jun 2018 10:15
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

Quant Time: Jun 26 01:19:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 22 02:12:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	76195	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	340253	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	197625	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	452361	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	531779	20.00	ng/ul	0.00
85) Perylene-d12	24.17	264	522873	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	14025	8.94	ng/uL	0.00
5) Phenol-d5	7.46	99	117156	16.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.63	67	76085	18.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.84	132	104306	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	98767	16.57	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	46136	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	50001	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.76	165	101462	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	131263	23.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	310610	18.98	ng/ul	0.00
46) Acenaphthylene-d8	14.63	160	354650	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	15.13	143	46990	14.88	ng/ul	0.00
57) Fluorene-d10	15.92	176	264349	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	46023	16.89	ng/ul	0.00
70) Anthracene-d10	17.76	188	417641	20.25	ng/ul	0.00
78) Pyrene-d10	20.01	212	473070	20.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.02	264	525515	20.05	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.57	88	13864	8.593	ng/uL#	85
4) Benzaldehyde	7.45	77	80142	22.104	ng/ul	88
6) Phenol	7.49	94	123017	17.120	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.73	93	95010	17.833	ng/ul#	85
10) 2-Chlorophenol	7.87	128	105699	19.393	ng/ul#	90
11) 2-Methylphenol	8.76	108	93251	16.950	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.83	45	148436	16.651	ng/ul#	87
14) Acetophenone	9.16	105	162875	17.469	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.13	70	83018	16.828	ng/ul#	71
16) 4-Methylphenol	9.09	108	100739	16.425	ng/ul	98
17) Hexachloroethane	9.40	117	46084	21.451	ng/ul	92
20) Nitrobenzene	9.55	77	132437	21.431	ng/ul#	86
21) Isophorone	10.07	82	215440	18.235	ng/ul	100
23) 2-Nitrophenol	10.26	139	57305	20.196	ng/ul#	78
24) 2,4-Dimethylphenol	10.30	107	127446	20.302	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.54	93	129976	18.401	ng/ul	97
27) 2,4-Dichlorophenol	10.79	162	101980	20.043	ng/ul	98
28) Naphthalene	11.20	128	338237	19.861	ng/ul	99
30) 4-Chloroaniline	11.31	127	136785	23.225	ng/ul	98
31) Hexachlorobutadiene	11.46	225	71151	22.797	ng/ul	98
32) Caprolactam	12.09	113	27738	14.271	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.41	107	111347	18.381	ng/ul	98
34) 2-Methylnaphthalene	12.78	142	247559	18.954	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	123938	21.729	ng/ul	97
37) Hexachlorocyclopentadiene	13.11	237	56185	24.347	ng/ul	99
38) 2,4,6-Trichlorophenol	13.39	196	77824	20.821	ng/ul	97
39) 2,4,5-Trichlorophenol	13.46	196	81275	19.721	ng/ul	99
40) 1,1'-Biphenyl	13.77	154	319295	20.700	ng/ul	100
41) 2-Chloronaphthalene	13.83	162	249348	20.898	ng/ul	99
42) 2-Nitroaniline	14.03	65	73966	20.004	ng/ul#	76
44) Dimethylphthalate	14.38	163	316351	18.935	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	59369	19.161	ng/ul#	78
47) Acenaphthylene	14.66	152	369470	20.057	ng/ul	98
48) 3-Nitroaniline	14.85	138	59073	18.752	ng/ul	91
49) Acenaphthene	15.00	153	272269	20.027	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	35151	18.965	ng/ul#	1
52) 4-Nitrophenol	15.14	109	54051	19.293	ng/ul#	77
53) Dibenzofuran	15.33	168	381690	19.955	ng/ul	98
54) 2,4-Dinitrotoluene	15.30	165	91628	19.044	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.56	232	70334	18.871	ng/ul#	95
56) Diethylphthalate	15.73	149	342035	19.478	ng/ul	97
58) Fluorene	15.97	166	307682	19.235	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.96	204	154213	19.367	ng/ul	99
60) 4-Nitroaniline	16.00	138	55271	14.459	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	16.06	198	48423	16.630	ng/ul#	79
64) N-Nitrosodiphenylamine	16.17	169	266942	20.483	ng/ul	98
65) 4-Bromophenyl-phenylether	16.84	248	93980	20.441	ng/ul	96
66) Hexachlorobenzene	16.97	284	105576	19.646	ng/ul	97
67) Atrazine	17.10	200	100466	20.896	ng/ul	96
68) Pentachlorophenol	17.32	266	50897	16.463	ng/ul	97
69) Phenanthrene	17.70	178	501092	20.184	ng/ul	100
71) Anthracene	17.79	178	511951	20.246	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	124147	22.756	ng/ul	97
73) Pentachlorobenzene	15.25	250	122238	21.320	ng/ul	98
74) Carbazole	18.06	167	446315	19.094	ng/ul	97
75) Di-n-butylphthalate	18.58	149	572485	20.352	ng/ul#	98
76) Fluoranthene	19.68	202	588349	19.327	ng/ul	98
79) Pvrene	20.04	202	614072	20.584	ng/ul	97
80) Butylbenzylphthalate	20.89	149	284051	21.319	ng/ul	87
81) 3,3'-Dichlorobenzidine	21.67	252	182526	16.815	ng/ul	98
82) Benzo(a)anthracene	21.75	228	647489	20.082	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.63	149	420315	21.459	ng/ul	96
84) Chrysene	21.80	228	608114	20.100	ng/ul	99
86) Di-n-octyl phthalate	22.56	149	728974	22.153	ng/ul#	85
87) Benzo(b)fluoranthene	23.44	252	651426	20.961	ng/ul	98
88) Benzo(k)fluoranthene	23.49	252	608468	20.749	ng/ul	98
90) Benzo(a)pyrene	24.07	252	592972	19.970	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.66	276	629446	16.922	ng/ul	95
92) Dibenzo(a,h)anthracene	26.66	278	508814	16.211	ng/ul	98
93) Benzo(g,h,i)perylene	27.42	276	519042	16.928	ng/ul#	94

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

