

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
 Data File : BM014259.D
 Acq On : 16 Feb 2018 09:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02041

Manual Integrations
 APPROVED

Sohil
 2/19/2018 4:15:17 PM

Quant Time: Feb 16 12:38:37 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 15 01:12:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	65816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	325412	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	243764	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	640918	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	740823	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	632236	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	13605	8.85	ng/uL	0.00
5) Phenol-d5	6.73	99	100796	18.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	64823	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	82825	19.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	89786	18.45	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	43967	18.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	46520	18.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	95886	18.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	112414	22.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	373874	18.57	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	464870	18.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	42272	15.21	ng/ul	0.00
57) Fluorene-d10	15.19	176	355743	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	64939	16.89	ng/ul	0.00
70) Anthracene-d10	17.04	188	605186	19.57	ng/ul	0.00
76) Pyrene-d10	19.36	212	694795	18.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	585641	19.03	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.14	88	12710	7.440	ng/uL# 68
4) Benzaldehyde	6.70	77	52732m	23.251	ng/ul
6) Phenol	6.76	94	106120	18.180	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.97	93	79099	18.676	ng/ul 96
10) 2-Chlorophenol	7.11	128	85238	19.573	ng/ul 96
11) 2-Methylphenol	7.99	108	78509	17.584	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.06	45	80846	18.916	ng/ul# 75
14) Acetophenone	8.36	105	159340	18.975	ng/ul# 92
15) N-Nitroso-di-n-propylamine	8.34	70	85084	20.219	ng/ul# 75
16) 4-Methylphenol	8.32	108	90425	18.586	ng/ul 95
17) Hexachloroethane	8.59	117	42051	18.536	ng/ul# 80
20) Nitrobenzene	8.73	77	132813	18.674	ng/ul 95
21) Isophorone	9.26	82	228990	18.823	ng/ul 99
23) 2-Nitrophenol	9.44	139	51942	19.268	ng/ul 97
24) 2,4-Dimethylphenol	9.50	107	128987	19.516	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.74	93	123920	19.338	ng/ul# 90
27) 2,4-Dichlorophenol	9.97	162	87676	17.925	ng/ul# 87
28) Naphthalene	10.36	128	311672	18.648	ng/ul 99
30) 4-Chloroaniline	10.49	127	112879	21.792	ng/ul 92
31) Hexachlorobutadiene	10.63	225	73756	19.006	ng/ul 94
32) Caprolactam	11.27	113	29925m	19.101	ng/ul
33) 4-Chloro-3-methylphenol	11.63	107	120547	20.396	ng/ul 90
34) 2-Methylnaphthalene	11.98	142	243922	19.175	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	146115	18.673	ng/ul#	95
37) Hexachlorocyclopentadiene	12.32	237	67742	15.908	ng/ul	96
38) 2,4,6-Trichlorophenol	12.61	196	89560	18.345	ng/ul	93
39) 2,4,5-Trichlorophenol	12.69	196	91582	18.357	ng/ul	95
40) 1,1'-Biphenyl	13.01	154	349699	18.623	ng/ul	97
41) 2-Chloronaphthalene	13.05	162	285383	19.025	ng/ul	95
42) 2-Nitroaniline	13.29	65	97294	19.169	ng/ul	92
44) Dimethylphthalate	13.66	163	370676	18.673	ng/ul	98
45) 2,6-Dinitrotoluene	13.79	165	69282	18.371	ng/ul#	70
47) Acenaphthylene	13.91	152	449835	19.173	ng/ul	98
48) 3-Nitroaniline	14.13	138	59569	18.636	ng/ul	98
49) Acenaphthene	14.25	153	314928	19.062	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	29093	14.343	ng/ul#	58
52) 4-Nitrophenol	14.45	109	63727	17.489	ng/ul#	72
53) Dibenzofuran	14.60	168	480457	19.395	ng/ul	91
54) 2,4-Dinitrotoluene	14.59	165	122580	20.286	ng/ul#	46
55) 2,3,4,6-Tetrachlorophenol	14.83	232	100549	19.930	ng/ul#	79
56) Diethylphthalate	15.03	149	434124	19.626	ng/ul#	93
58) Fluorene	15.25	166	409457	19.146	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.24	204	220957	19.753	ng/ul	93
60) 4-Nitroaniline	15.30	138	62667m	17.482	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.36	198	68939	17.617	ng/ul#	94
64) N-Nitrosodiphenylamine	15.47	169	347368	18.860	ng/ul	97
65) 4-Bromophenyl-phenylether	16.14	248	136453	19.080	ng/ul#	87
66) Hexachlorobenzene	16.25	284	145560	19.354	ng/ul#	85
67) Atrazine	16.43	200	136260	18.733	ng/ul#	94
68) Pentachlorophenol	16.61	266	66853	16.963	ng/ul	91
69) Phenanthrene	16.99	178	707392	19.156	ng/ul	99
71) Anthracene	17.08	178	717033	19.308	ng/ul	98
72) Carbazole	17.37	167	594744	19.046	ng/ul	98
73) Di-n-butylphthalate	17.93	149	802171	19.912	ng/ul	99
74) Fluoranthene	19.02	202	852109	19.314	ng/ul#	95
77) Pyrene	19.39	202	891569	18.109	ng/ul#	94
78) Butylbenzylphthalate	20.30	149	379707	18.653	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.09	252	226875	17.419	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	886620	19.176	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	555609	19.058	ng/ul#	95
82) Chrysene	21.19	228	822079	19.060	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	922624	17.006	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	779234	18.407	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	756848	18.804	ng/ul#	99
88) Benzo(a)pyrene	23.24	252	728294	19.252	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	673830	18.356	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.50	278	561670	18.414	ng/ul#	96
91) Benzo(g,h,i)perylene	26.16	276	534283	17.967	ng/ul#	97

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

