

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050117\
 Data File : BM009832.D
 Acq On : 01 May 2017 16:20
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Quant Time: May 02 00:44:59 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 02:28:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	66620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	331486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	227586	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	599105	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	849922	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	910939	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	11530	7.97	ng/uL	0.00
5) Phenol-d5	6.99	99	147791	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	104540	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	98559	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	117153	20.76	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	49744	18.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	57982	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	109146	19.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	148612	21.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	403585	20.39	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	471895	19.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	72041	18.86	ng/ul	0.02
57) Fluorene-d10	15.46	176	351753	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	71483	16.91	ng/ul	0.00
70) Anthracene-d10	17.32	188	587686	19.11	ng/ul	0.00
76) Pyrene-d10	19.61	212	738601	19.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	859968	19.41	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	16431	9.21	ng/uL#	63
4) Benzaldehyde	6.97	77	86721	18.39	ng/ul#	80
6) Phenol	7.02	94	153347	20.50	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.25	93	116812	20.79	ng/ul#	79
10) 2-Chlorophenol	7.38	128	95974	20.36	ng/ul#	79
11) 2-Methylphenol	8.26	108	109912	20.41	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	195642	20.86	ng/ul	95
14) Acetophenone	8.64	105	191940	20.68	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.62	70	122110	21.19	ng/ul#	85
16) 4-Methylphenol	8.59	108	125924	21.13	ng/ul	85
17) Hexachloroethane	8.88	117	43519	19.88	ng/ul	95
20) Nitrobenzene	9.03	77	163178	18.62	ng/ul#	90
21) Isophorone	9.55	82	308930	19.91	ng/ul	95
23) 2-Nitrophenol	9.73	139	61007	19.73	ng/ul#	58
24) 2,4-Dimethylphenol	9.79	107	149742	19.48	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.02	93	174449	19.40	ng/ul	97
27) 2,4-Dichlorophenol	10.26	162	111962	20.01	ng/ul#	86
28) Naphthalene	10.66	128	340453	19.28	ng/ul	97
30) 4-Chloroaniline	10.79	127	148606	21.75	ng/ul	99
31) Hexachlorobutadiene	10.92	225	72654	18.59	ng/ul	97
32) Caprolactam	11.57	113	47242	22.36	ng/ul#	65
33) 4-Chloro-3-methylphenol	11.91	107	142990	20.51	ng/ul	93
34) 2-Methylnaphthalene	12.27	142	260882	19.22	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	149660	19.39	ng/ul#	91
37) Hexachlorocyclopentadiene	12.61	237	80985	19.65	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	102562	19.57	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	108257	20.03	ng/ul	93
40) 1,1'-Biphenyl	13.29	154	355625	19.00	ng/ul	92
41) 2-Chloronaphthalene	13.34	162	285290	19.82	ng/ul	95
42) 2-Nitroaniline	13.56	65	125778	20.51	ng/ul#	78
44) Dimethylphthalate	13.92	163	399591	20.40	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	79169	20.13	ng/ul#	74
47) Acenaphthylene	14.19	152	462161	19.63	ng/ul	98
48) 3-Nitroaniline	14.39	138	79442	20.45	ng/ul#	77
49) Acenaphthene	14.53	153	321353	20.07	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	46325	17.66	ng/ul#	85
52) 4-Nitrophenol	14.70	109	80304	18.35	ng/ul#	63
53) Dibenzofuran	14.86	168	462475	19.72	ng/ul	93
54) 2,4-Dinitrotoluene	14.85	165	124601	21.02	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.10	232	100637	19.20	ng/ul#	95
56) Diethylphthalate	15.28	149	430105	20.14	ng/ul	98
58) Fluorene	15.52	166	387121	19.34	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	203777	19.65	ng/ul	94
60) 4-Nitroaniline	15.55	138	79900	17.62	ng/ul#	34
63) 4,6-Dinitro-2-methylphenol	15.62	198	74847	17.16	ng/ul#	74
64) N-Nitrosodiphenylamine	15.72	169	343631	18.69	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	125798	18.39	ng/ul#	85
66) Hexachlorobenzene	16.52	284	146100	19.51	ng/ul#	90
67) Atrazine	16.67	200	138004	18.71	ng/ul	93
68) Pentachlorophenol	16.87	266	65241	14.14	ng/ul#	85
69) Phenanthrene	17.26	178	669398	19.44	ng/ul	98
71) Anthracene	17.35	178	703156	19.52	ng/ul	96
72) Carbazole	17.63	167	619280	19.10	ng/ul	99
73) Di-n-butylphthalate	18.17	149	794284	20.11	ng/ul#	97
74) Fluoranthene	19.27	202	876577	20.19	ng/ul#	91
77) Pyrene	19.64	202	928298	19.34	ng/ul#	90
78) Butylbenzylphthalate	20.53	149	416266	20.91	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	340942	21.69	ng/ul	99
80) Benzo(a)anthracene	21.39	228	1006704	19.98	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	629157	20.86	ng/ul	100
82) Chrysene	21.44	228	899550	19.83	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1145547	17.21	ng/ul#	95
85) Benzo(b)fluoranthene	23.02	252	1113719	18.83	ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	991201	18.30	ng/ul#	97
88) Benzo(a)pyrene	23.62	252	1070807	19.46	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.08	276	1313619	22.05	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.09	278	1107167	21.82	ng/ul#	94
91) Benzo(g,h,i)perylene	26.80	276	1096501	22.89	ng/ul#	93

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

