

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012569.D
 Acq On : 30 Oct 2017 12:39
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02071

Quant Time: Oct 31 02:55:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 09:44:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	414576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1562752	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	869924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1912175	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2160186	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2453141	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	75547	9.31	ng/uL	0.00
5) Phenol-d5	7.03	99	622422	17.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	374805	18.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	502819	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	500492	16.91	ng/ul	-0.01
19) Nitrobenzene-d5	9.02	128	235781	24.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	267593	26.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	522814	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	588599	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1340253	17.64	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1751005	19.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	227297	20.12	ng/ul	0.00
57) Fluorene-d10	15.49	176	1150515	17.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	205909	22.25	ng/ul	0.00
70) Anthracene-d10	17.33	188	1738799	19.08	ng/ul	0.00
76) Pyrene-d10	19.62	212	1883852	19.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2180014	18.71	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.39	88	76590	8.836	ng/uL#	64
4) Benzaldehyde	7.00	77	426896	22.669	ng/ul	89
6) Phenol	7.06	94	646365	17.925	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.28	93	496516	18.724	ng/ul	97
10) 2-Chlorophenol	7.43	128	514911	19.398	ng/ul	98
11) 2-Methylphenol	8.30	108	465945	17.137	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.39	45	528644	18.144	ng/ul#	81
14) Acetophenone	8.68	105	757468	16.288	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.66	70	400289	15.772	ng/ul#	65
16) 4-Methylphenol	8.63	108	501709	16.859	ng/ul	92
17) Hexachloroethane	8.93	117	215363	19.145	ng/ul	84
20) Nitrobenzene	9.06	77	593982	21.068	ng/ul	96
21) Isophorone	9.59	82	1036789	17.376	ng/ul	94
23) 2-Nitrophenol	9.76	139	285871	25.516	ng/ul#	76
24) 2,4-Dimethylphenol	9.83	107	569536	18.069	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.06	93	619618	18.479	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	505817	19.412	ng/ul	92
28) Naphthalene	10.70	128	1503973	19.410	ng/ul	99
30) 4-Chloroaniline	10.81	127	583084	20.559	ng/ul	93
31) Hexachlorobutadiene	10.99	225	375705	18.794	ng/ul	95
32) Caprolactam	11.59	113	144927	17.173	ng/ul#	37
33) 4-Chloro-3-methylphenol	11.93	107	492195	16.813	ng/ul	97
34) 2-Methylnaphthalene	12.31	142	1093588	17.379	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	635825	20.639	ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	317830	15.976	ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	417857	22.652	ng/ul	98
39) 2,4,5-Trichlorophenol	12.99	196	432058	22.097	ng/ul	99
40) 1,1'-Biphenyl	13.32	154	1404669	20.239	ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1123819	20.642	ng/ul	99
42) 2-Nitroaniline	13.57	65	316337	24.985	ng/ul	90
44) Dimethylphthalate	13.94	163	1322144	17.588	ng/ul	100
45) 2,6-Dinitrotoluene	14.07	165	281500	23.565	ng/ul	89
47) Acenaphthylene	14.22	152	1682239	19.608	ng/ul	99
48) 3-Nitroaniline	14.39	138	265309	23.702	ng/ul	94
49) Acenaphthene	14.56	153	1127271	19.183	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	127686	19.041	ng/ul	94
52) 4-Nitrophenol	14.71	109	200216	17.468	ng/ul#	79
53) Dibenzofuran	14.89	168	1612301	18.540	ng/ul	95
54) 2,4-Dinitrotoluene	14.86	165	389588	21.775	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.12	232	372529	20.585	ng/ul	97
56) Diethylphthalate	15.31	149	1286089	16.782	ng/ul	96
58) Fluorene	15.54	166	1311920	17.837	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.53	204	694196	17.347	ng/ul	98
60) 4-Nitroaniline	15.56	138	272024	19.386	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.62	198	219964	21.612	ng/ul	90
64) N-Nitrosodiphenylamine	15.74	169	1117303	20.107	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	451707	19.719	ng/ul	95
66) Hexachlorobenzene	16.54	284	498416	19.670	ng/ul	97
67) Atrazine	16.70	200	436221	18.255	ng/ul	92
68) Pentachlorophenol	16.89	266	287432	20.741	ng/ul	98
69) Phenanthrene	17.27	178	1996969	19.312	ng/ul	100
71) Anthracene	17.37	178	2078455	19.447	ng/ul	99
72) Carbazole	17.63	167	1753188	19.803	ng/ul	100
73) Di-n-butylphthalate	18.20	149	2113374	18.719	ng/ul#	98
74) Fluoranthene	19.29	202	2389043	20.389	ng/ul#	92
77) Pyrene	19.65	202	2445512	19.908	ng/ul#	92
78) Butylbenzylphthalate	20.54	149	962844	19.894	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.32	252	850182	17.933	ng/ul	95
80) Benzo(a)anthracene	21.39	228	2524277	19.514	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	1387289	18.840	ng/ul	99
82) Chrysene	21.44	228	2278211	19.808	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	2452347	19.272	ng/ul	99
85) Benzo(b)fluoranthene	23.01	252	2837459	18.711	ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	2603639	18.242	ng/ul#	98
88) Benzo(a)pyrene	23.61	252	2712882	18.763	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	3456898	20.315	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.06	278	2950298	20.451	ng/ul#	97
91) Benzo(g,h,i)perylene	26.76	276	2909957	21.101	ng/ul#	97

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

