

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013443.D
 Acq On : 15 Dec 2017 17:58
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02040

Quant Time: Dec 15 19:00:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	162412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	702975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	445526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1101578	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1302699	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1147357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	26246	8.00	ng/uL	0.00
5) Phenol-d5	6.85	99	267541	19.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	159283	19.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	215151	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	230929	19.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	111689	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	123680	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	242965	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	269950	23.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	769125	19.40	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	949135	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	128418	18.64	ng/ul	0.00
57) Fluorene-d10	15.32	176	669105	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	132425	19.11	ng/ul	0.00
70) Anthracene-d10	17.17	188	1093543	19.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	1258880	19.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1152971	19.73	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	29452	8.000	ng/uL#	61
4) Benzaldehyde	6.83	77	143922	20.699	ng/ul#	86
6) Phenol	6.88	94	263885	18.997	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.11	93	203438	19.154	ng/ul	96
10) 2-Chlorophenol	7.24	128	215371	20.003	ng/ul	95
11) 2-Methylphenol	8.12	108	202010	18.803	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.21	45	224732	20.152	ng/ul#	78
14) Acetophenone	8.49	105	347088	19.012	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.48	70	170901	18.584	ng/ul#	75
16) 4-Methylphenol	8.45	108	220754	19.214	ng/ul	90
17) Hexachloroethane	8.74	117	93822	20.015	ng/ul#	78
20) Nitrobenzene	8.87	77	273807	19.497	ng/ul	96
21) Isophorone	9.39	82	483838	19.580	ng/ul#	93
23) 2-Nitrophenol	9.58	139	124548	20.135	ng/ul#	76
24) 2,4-Dimethylphenol	9.64	107	265088	19.649	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.87	93	285624	19.750	ng/ul	94
27) 2,4-Dichlorophenol	10.11	162	222461	19.588	ng/ul#	91
28) Naphthalene	10.50	128	706458	19.533	ng/ul	99
30) 4-Chloroaniline	10.62	127	268032	24.500	ng/ul	92
31) Hexachlorobutadiene	10.79	225	155757	18.934	ng/ul	95
32) Caprolactam	11.40	113	72771	20.049	ng/ul#	32
33) 4-Chloro-3-methylphenol	11.75	107	244734	19.644	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	527407	19.399	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	306367	19.057	ng/ul#	98
37) Hexachlorocyclopentadiene	12.47	237	187807	17.749	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	198692	19.825	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	208536	19.588	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	718867	19.092	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	577578	19.552	ng/ul	98
42) 2-Nitroaniline	13.40	65	175434	20.270	ng/ul	97
44) Dimethylphthalate	13.78	163	733210	19.336	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	154064	19.921	ng/ul#	94
47) Acenaphthylene	14.04	152	887089	19.593	ng/ul	99
48) 3-Nitroaniline	14.23	138	155594	22.508	ng/ul	85
49) Acenaphthene	14.38	153	598604	19.409	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	71125	16.619	ng/ul#	85
52) 4-Nitrophenol	14.55	109	127166	18.818	ng/ul#	77
53) Dibenzofuran	14.72	168	884119	19.418	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	230224	20.464	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.95	232	198035	20.288	ng/ul	92
56) Diethylphthalate	15.15	149	754555	19.840	ng/ul	95
58) Fluorene	15.37	166	735575	19.528	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	390289	19.091	ng/ul	96
60) 4-Nitroaniline	15.40	138	176397	21.628	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.46	198	131231	18.950	ng/ul#	91
64) N-Nitrosodiphenylamine	15.59	169	636888	19.627	ng/ul	95
65) 4-Bromophenyl-phenylether	16.26	248	251112	19.392	ng/ul	96
66) Hexachlorobenzene	16.37	284	275285	19.277	ng/ul#	91
67) Atrazine	16.54	200	246745	20.601	ng/ul	95
68) Pentachlorophenol	16.72	266	149723	18.127	ng/ul	98
69) Phenanthrene	17.11	178	1233842	19.715	ng/ul	99
71) Anthracene	17.20	178	1250148	19.543	ng/ul	98
72) Carbazole	17.47	167	1080703	19.641	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1300752	20.250	ng/ul	99
74) Fluoranthene	19.13	202	1518059	19.794	ng/ul#	94
77) Pyrene	19.49	202	1548492	19.566	ng/ul#	90
78) Butylbenzylphthalate	20.40	149	624172	20.185	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.18	252	503085	18.371	ng/ul#	95
80) Benzo(a)anthracene	21.24	228	1603769	19.404	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	901774	19.347	ng/ul#	98
82) Chrysene	21.30	228	1487049	19.393	ng/ul	99
84) Di-n-octyl phthalate	22.06	149	1528932	18.739	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	1510611	19.531	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	1442068	19.812	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	1363436	19.624	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.71	276	1364399	19.792	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.73	278	1176320	20.039	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	1059877	19.491	ng/ul#	95

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

