

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013264.D
 Acq On : 08 Dec 2017 12:31
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02023

Quant Time: Dec 08 16:46:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 03:46:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	109699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	480754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	311905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	774957	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1004749	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1094384	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	16302	7.36	ng/uL	0.00
5) Phenol-d5	6.88	99	191782	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	106685	19.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	152195	20.52	ng/ul	-0.01
13) 4-Methylphenol-d8	8.40	113	162487	20.04	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	76974	20.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.56	143	89486	21.93	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.10	165	163043	19.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	197712	25.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	555458	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	646020	18.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	110666	22.95	ng/ul	-0.01
57) Fluorene-d10	15.33	176	458180	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	103190	21.17	ng/ul	0.00
70) Anthracene-d10	17.18	188	759242	19.56	ng/ul	-0.01
76) Pyrene-d10	19.48	212	910330	18.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1065056	19.11	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.27	88	17432	7.010	ng/uL# 60
4) Benzaldehyde	6.85	77	100589	21.418	ng/ul# 81
6) Phenol	6.90	94	190872	20.343	ng/ul# 83
8) Bis(2-Chloroethyl)ether	7.13	93	139710	19.475	ng/ul 95
10) 2-Chlorophenol	7.26	128	144246	19.835	ng/ul 97
11) 2-Methylphenol	8.14	108	145675	20.075	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	151634	20.131	ng/ul# 86
14) Acetophenone	8.52	105	242614	19.675	ng/ul 85
15) N-Nitroso-di-n-propylamine	8.50	70	125486	20.203	ng/ul# 65
16) 4-Methylphenol	8.46	108	157394	20.283	ng/ul 91
17) Hexachloroethane	8.76	117	61730	19.497	ng/ul# 78
20) Nitrobenzene	8.89	77	186929	19.464	ng/ul 94
21) Isophorone	9.41	82	350669	20.750	ng/ul# 92
23) 2-Nitrophenol	9.60	139	91236	21.568	ng/ul# 74
24) 2,4-Dimethylphenol	9.66	107	188842	20.468	ng/ul 90
25) Bis(2-Chloroethoxy)methane	9.90	93	199761	20.197	ng/ul 100
27) 2,4-Dichlorophenol	10.13	162	154442	19.885	ng/ul# 94
28) Naphthalene	10.52	128	489627	19.796	ng/ul 99
30) 4-Chloroaniline	10.64	127	194813	26.038	ng/ul 94
31) Hexachlorobutadiene	10.80	225	103819	18.454	ng/ul 91
32) Caprolactam	11.41	113	63851	25.723	ng/ul# 38
33) 4-Chloro-3-methylphenol	11.77	107	173110	20.318	ng/ul 97
34) 2-Methylnaphthalene	12.14	142	365318	19.648	ng/ul 94

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	209300	18.597	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	118508	15.998	ng/ul	92
38) 2,4,6-Trichlorophenol	12.76	196	139342	19.859	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	149747	20.092	ng/ul	94
40) 1,1'-Biphenyl	13.16	154	492964	18.701	ng/ul	97
41) 2-Chloronaphthalene	13.20	162	381071	18.426	ng/ul	97
42) 2-Nitroaniline	13.42	65	123554	20.391	ng/ul	92
44) Dimethylphthalate	13.80	163	526252	19.824	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	108328	20.008	ng/ul	94
47) Acenaphthylene	14.06	152	615685	19.424	ng/ul	97
48) 3-Nitroaniline	14.25	138	113271	23.406	ng/ul	82
49) Acenaphthene	14.40	153	412584	19.108	ng/ul	100
50) 2,4-Dinitrophenol	14.46	184	65526	21.870	ng/ul	92
52) 4-Nitrophenol	14.56	109	102112	21.584	ng/ul#	80
53) Dibenzofuran	14.74	168	610940	19.166	ng/ul	96
54) 2,4-Dinitrotoluene	14.71	165	162863	20.678	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.97	232	143779	21.040	ng/ul	93
56) Diethylphthalate	15.17	149	542558	20.378	ng/ul	96
58) Fluorene	15.39	166	500942	18.997	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	259465	18.129	ng/ul	98
60) 4-Nitroaniline	15.42	138	123689	21.663	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.47	198	105936	21.745	ng/ul	92
64) N-Nitrosodiphenylamine	15.60	169	451407	19.774	ng/ul	98
65) 4-Bromophenyl-phenylether	16.28	248	172068	18.888	ng/ul	93
66) Hexachlorobenzene	16.39	284	190426	18.955	ng/ul	95
67) Atrazine	16.56	200	195591	23.213	ng/ul	93
68) Pentachlorophenol	16.74	266	121553	20.919	ng/ul	98
69) Phenanthrene	17.13	178	849647	19.298	ng/ul	98
71) Anthracene	17.22	178	872602	19.390	ng/ul	98
72) Carbazole	17.49	167	788320	20.366	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1048278	23.198	ng/ul	98
74) Fluoranthene	19.14	202	1079490	20.008	ng/ul#	92
77) Pyrene	19.51	202	1113878	18.248	ng/ul#	92
78) Butylbenzylphthalate	20.42	149	524342	21.985	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	463748	21.957	ng/ul#	98
80) Benzo(a)anthracene	21.26	228	1238038	19.421	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	794963	22.114	ng/ul	98
82) Chrysene	21.31	228	1160340	19.619	ng/ul	98
84) Di-n-octyl phthalate	22.07	149	1358446	17.456	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1317134	17.854	ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	1285184	18.511	ng/ul#	99
88) Benzo(a)pyrene	23.41	252	1278940	19.299	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	1611695	24.510	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	1353814	24.179	ng/ul#	94
91) Benzo(g,h,i)perylene	26.43	276	1323515	25.517	ng/ul#	98

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

