

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013136.D
 Acq On : 28 Nov 2017 14:59
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02001

Manual Integrations
 APPROVED

Sohil
 11/29/2017 4:30:57 PM

Quant Time: Nov 29 03:38:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 01:49:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	168922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	757603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	515267	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1268635	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1428690	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1270830	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	27471	7.53	ng/uL	0.00
5) Phenol-d5	6.89	99	293808	20.08	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	167955	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	232760	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	254153	21.20	ng/ul	-0.01
19) Nitrobenzene-d5	8.86	128	121985	22.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	132977	25.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	275164	21.11	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.63	131	313348	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	901891	19.95	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1120526	19.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	147723	21.55	ng/ul	-0.02
57) Fluorene-d10	15.34	176	796868	20.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	145063	26.37	ng/ul	0.00
70) Anthracene-d10	17.19	188	1290854	19.88	ng/ul	0.00
76) Pyrene-d10	19.49	212	1471074	20.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1322817	20.53	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	30789	7.685	ng/uL#	67
4) Benzaldehyde	6.86	77	149433	18.950	ng/ul	87
6) Phenol	6.92	94	288582	19.982	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.14	93	220272	20.258	ng/ul	99
10) 2-Chlorophenol	7.27	128	231235	19.977	ng/ul	98
11) 2-Methylphenol	8.15	108	223277	20.368	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	232283	18.830	ng/ul#	79
14) Acetophenone	8.52	105	399443	21.746	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.51	70	199017	21.125	ng/ul#	68
16) 4-Methylphenol	8.48	108	246944	21.214	ng/ul	98
17) Hexachloroethane	8.77	117	98996	20.195	ng/ul#	76
20) Nitrobenzene	8.90	77	293652	21.767	ng/ul	94
21) Isophorone	9.42	82	553628	20.027	ng/ul	95
23) 2-Nitrophenol	9.61	139	139573	24.971	ng/ul#	79
24) 2,4-Dimethylphenol	9.67	107	297802	20.254	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	9.91	93	330563	20.839	ng/ul	94
27) 2,4-Dichlorophenol	10.14	162	255070	21.054	ng/ul#	85
28) Naphthalene	10.53	128	810054	20.751	ng/ul	99
30) 4-Chloroaniline	10.65	127	299247	22.897	ng/ul	95
31) Hexachlorobutadiene	10.82	225	177722	20.373	ng/ul	94
32) Caprolactam	11.42	113	81463m	21.414	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	284335	22.034	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	617656	21.626	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	365219	19.486	ng/ul#	95
37) Hexachlorocyclopentadiene	12.50	237	234747	16.936	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	235164	20.820	ng/ul	97
39) 2,4,5-Trichlorophenol	12.85	196	249023	21.086	ng/ul	97
40) 1,1'-Biphenyl	13.17	154	857447	19.751	ng/ul	97
41) 2-Chloronaphthalene	13.22	162	674557	19.604	ng/ul	98
42) 2-Nitroaniline	13.43	65	199729	27.332	ng/ul	96
44) Dimethylphthalate	13.81	163	878710	20.331	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	180662	27.396	ng/ul	97
47) Acenaphthylene	14.06	152	1041200	19.626	ng/ul	97
48) 3-Nitroaniline	14.26	138	167612	27.137	ng/ul	87
49) Acenaphthene	14.41	153	705878	19.799	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	86222	27.312	ng/ul	95
52) 4-Nitrophenol	14.57	109	153580	24.723	ng/ul#	83
53) Dibenzofuran	14.75	168	1036272	20.291	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	263409	28.555	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	233289	23.588	ng/ul	93
56) Diethylphthalate	15.18	149	894631	20.474	ng/ul	95
58) Fluorene	15.40	166	865928	20.589	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	466728	21.006	ng/ul	96
60) 4-Nitroaniline	15.42	138	186229	22.927	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.47	198	149779	25.071	ng/ul	99
64) N-Nitrosodiphenylamine	15.61	169	749994	18.830	ng/ul	97
65) 4-Bromophenyl-phenylether	16.29	248	302952	19.716	ng/ul	95
66) Hexachlorobenzene	16.39	284	330462	19.927	ng/ul#	89
67) Atrazine	16.57	200	300320	19.685	ng/ul	93
68) Pentachlorophenol	16.74	266	176988	20.693	ng/ul	97
69) Phenanthrene	17.13	178	1447793	20.290	ng/ul	99
71) Anthracene	17.22	178	1464617	19.782	ng/ul	97
72) Carbazole	17.50	167	1258143	19.650	ng/ul	100
73) Di-n-butylphthalate	18.07	149	1555788	19.076	ng/ul	98
74) Fluoranthene	19.15	202	1758006	20.383	ng/ul#	94
77) Pyrene	19.52	202	1804402	20.283	ng/ul#	95
78) Butylbenzylphthalate	20.42	149	714289	19.324	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.20	252	617614	21.033	ng/ul#	97
80) Benzo(a)anthracene	21.26	228	1835765	20.077	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1072329	19.684	ng/ul#	97
82) Chrysene	21.32	228	1688450	19.913	ng/ul	99
84) Di-n-octyl phthalate	22.08	149	1767258	21.103	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1758583	21.413	ng/ul#	97
86) Benzo(k)fluoranthene	22.88	252	1652163	21.851	ng/ul#	99
88) Benzo(a)pyrene	23.41	252	1588800	20.773	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.74	276	1537328	17.208	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.75	278	1299726	17.174	ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	1207486	16.266	ng/ul#	94

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

