

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012381.D
 Acq On : 22 Oct 2017 04:31
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

Manual Integrations
 APPROVED

Sohil
 10/23/2017 4:00:29 PM

Quant Time: Oct 23 08:19:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 07:28:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	291515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1296545	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	816142	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1795264	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1377290	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1151537	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	41621	6.78	ng/uL	0.00
5) Phenol-d5	6.94	99	441591	18.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	270834	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	387343	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	396001	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	188297	19.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	225872	19.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	440459	19.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	513026	24.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1374057	19.05	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1669944	19.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	150105	13.84	ng/ul	0.00
57) Fluorene-d10	15.41	176	1124857	19.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	204948	16.63	ng/ul	0.00
70) Anthracene-d10	17.27	188	1690793	19.05	ng/ul	0.00
76) Pyrene-d10	19.57	212	1675223	23.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1075674	19.38	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.23	88	43720	6.985	ng/uL#	91
4) Benzaldehyde	6.91	77	306506	19.393	ng/ul	98
6) Phenol	6.97	94	451205	18.454	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.19	93	344912	18.511	ng/ul	92
10) 2-Chlorophenol	7.32	128	393623	19.224	ng/ul	94
11) 2-Methylphenol	8.21	108	351371	19.107	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	443317	18.737	ng/ul	96
14) Acetophenone	8.60	105	611884	19.771	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.58	70	328208	19.788	ng/ul#	90
16) 4-Methylphenol	8.55	108	394865	19.485	ng/ul	99
17) Hexachloroethane	8.82	117	171288	19.825	ng/ul	84
20) Nitrobenzene	8.98	77	472251	19.210	ng/ul	96
21) Isophorone	9.50	82	871049	18.966	ng/ul	97
23) 2-Nitrophenol	9.68	139	241202	19.455	ng/ul	94
24) 2,4-Dimethylphenol	9.74	107	483509	19.351	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	505399	18.767	ng/ul	98
27) 2,4-Dichlorophenol	10.22	162	430319	19.791	ng/ul	97
28) Naphthalene	10.61	128	1291208	19.249	ng/ul	98
30) 4-Chloroaniline	10.74	127	506999	24.958	ng/ul	100
31) Hexachlorobutadiene	10.88	225	321034	19.921	ng/ul	97
32) Caprolactam	11.54	113	121865m	17.753	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	428056	18.790	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	991419	19.585	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.60	216	562190	18.976	ng/ul#	97
37) Hexachlorocyclopentadiene	12.57	237	175831	13.316	ng/ul	96
38) 2,4,6-Trichlorophenol	12.85	196	363552	18.508	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	366487	18.129	ng/ul	96
40) 1,1'-Biphenyl	13.25	154	1319793	19.161	ng/ul	100
41) 2-Chloronaphthalene	13.29	162	1038175	19.209	ng/ul	97
42) 2-Nitroaniline	13.52	65	287290	19.104	ng/ul	90
44) Dimethylphthalate	13.88	163	1371061	18.972	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	276853	19.300	ng/ul	90
47) Acenaphthylene	14.14	152	1641708	19.147	ng/ul	98
48) 3-Nitroaniline	14.35	138	242368	21.717	ng/ul	95
49) Acenaphthene	14.48	153	1102369	19.088	ng/ul	99
50) 2,4-Dinitrophenol	14.58	184	172809	21.215	ng/ul	88
52) 4-Nitrophenol	14.68	109	142852	14.658	ng/ul	92
53) Dibenzofuran	14.82	168	1615726	19.429	ng/ul	96
54) 2,4-Dinitrotoluene	14.81	165	404657	19.464	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.05	232	319085	17.248	ng/ul#	85
56) Diethylphthalate	15.24	149	1404514	17.980	ng/ul	98
58) Fluorene	15.47	166	1313246	19.015	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	692226	19.079	ng/ul	96
60) 4-Nitroaniline	15.52	138	222696	16.160	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.58	198	212807	16.361	ng/ul#	90
64) N-Nitrosodiphenylamine	15.68	169	1109063	19.737	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	421931	19.634	ng/ul	95
66) Hexachlorobenzene	16.47	284	467618	19.208	ng/ul#	94
67) Atrazine	16.63	200	443481	18.875	ng/ul	98
68) Pentachlorophenol	16.83	266	251938	18.555	ng/ul	96
69) Phenanthrene	17.21	178	1949754	19.091	ng/ul	99
71) Anthracene	17.30	178	2018549	19.092	ng/ul	100
72) Carbazole	17.58	167	1614121	18.039	ng/ul	99
73) Di-n-butylphthalate	18.12	149	2300856	18.521	ng/ul	99
74) Fluoranthene	19.23	202	2112939	17.144	ng/ul#	97
77) Pyrene	19.59	202	2134484	23.467	ng/ul	97
78) Butylbenzylphthalate	20.48	149	932997	23.043	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.27	252	512304	18.690	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1654841	18.465	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	1342782	22.101	ng/ul#	96
82) Chrysene	21.39	228	1520448	18.070	ng/ul	100
84) Di-n-octyl phthalate	22.13	149	1949693	23.159	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	1373761	18.281	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1404598	19.396	ng/ul#	99
88) Benzo(a)pyrene	23.55	252	1346981	19.018	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.98	276	1632916	21.710	ng/ul	97
90) Dibenzo(a,h)anthracene	25.98	278	1392871	22.029	ng/ul	99
91) Benzo(g,h,i)perylene	26.70	276	1377183	22.356	ng/ul	97

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

