

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_G\Data\BG061617\
 Data File : BG027471.D
 Acq On : 16 Jun 2017 13:48
 Operator : SJ/MA
 Sample : SSTD08082
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD08082

Manual Integrations
 APPROVED

mohammad
 6/19/2017 9:13:03 AM

Quant Time: Jun 28 18:46:01 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 28 18:44:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	46675	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	230448	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	147881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	357829	20.00	ng/ul	0.00
75) Chrysene-d12	22.24	240	393246	20.00	ng/ul	0.00
83) Perylene-d12	25.90	264	351209	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	35250	34.01	ng/uL	0.00
5) Phenol-d5	7.66	99	427883	102.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	277899	113.44	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	290988	82.29	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	332276	96.11	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	146730	76.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	162748	77.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	292744	87.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	325853	73.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	977337	82.11	ng/ul	0.00
46) Acenaphthylene-d8	14.81	160	1175070	78.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	200804	93.60	ng/ul	0.02
57) Fluorene-d10	16.10	176	928225	89.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.21	200	196923	90.63	ng/ul	0.01
70) Anthracene-d10	17.96	188	1329273	76.55	ng/ul	0.00
76) Pyrene-d10	20.23	212	1464282	70.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.65	264	1383373	83.31	ng/ul	0.01

Target Compounds

					Qvalue	
2) 1,4-Dioxane	4.11	88	39945	33.778	ng/uL#	89
4) Benzaldehyde	7.66	77	189474	94.117	ng/ul	88
6) Phenol	7.69	94	443100	104.949	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.93	93	312565	95.893	ng/ul	96
10) 2-Chlorophenol	8.09	128	288086	82.791	ng/ul	96
11) 2-Methylphenol	8.94	108	321486	96.201	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	9.04	45	515001	151.395	ng/ul	98
14) Acetophenone	9.34	105	494191	97.318	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.33	70	296284	118.265	ng/ul#	84
16) 4-Methylphenol	9.27	108	346802	94.886	ng/ul	97
17) Hexachloroethane	9.61	117	106764	81.578	ng/ul#	82
20) Nitrobenzene	9.73	77	398795	107.291	ng/ul	91
21) Isophorone	10.25	82	785992	110.146	ng/ul#	97
23) 2-Nitrophenol	10.44	139	176003	79.911	ng/ul#	76
24) 2,4-Dimethylphenol	10.48	107	392236	97.674	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	10.72	93	462566	94.910	ng/ul	95
27) 2,4-Dichlorophenol	10.98	162	293985	88.556	ng/ul	96
28) Naphthalene	11.39	128	945066	78.781	ng/ul	98
30) 4-Chloroaniline	11.49	127	324242	77.141	ng/ul	96
31) Hexachlorobutadiene	11.66	225	171894	102.362	ng/ul	94
32) Caprolactam	12.27	113	125196m	100.919	ng/ul	
33) 4-Chloro-3-methylphenol	12.57	107	386222	107.286	ng/ul	97
34) 2-Methylnaphthalene	12.96	142	710149	79.770	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	13.31	216	361387	92.683	ng/ul	98
37) Hexachlorocyclopentadiene	13.30	237	210976	122.822	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	253023	94.333	ng/ul	94
39) 2,4,5-Trichlorophenol	13.62	196	260417	93.926	ng/ul	98
40) 1,1'-Biphenyl	13.94	154	930756	74.868	ng/ul#	93
41) 2-Chloronaphthalene	14.00	162	717898	76.823	ng/ul	94
42) 2-Nitroaniline	14.19	65	304909	114.191	ng/ul	98
44) Dimethylphthalate	14.55	163	955483	82.000	ng/ul	99
45) 2,6-Dinitrotoluene	14.68	165	211177	85.871	ng/ul#	91
47) Acenaphthylene	14.84	152	1143578	75.089	ng/ul	98
48) 3-Nitroaniline	15.01	138	203131	78.505	ng/ul#	98
49) Acenaphthene	15.17	153	803188	75.813	ng/ul	98
50) 2,4-Dinitrophenol	15.21	184	139323	110.804	ng/ul#	86
52) 4-Nitrophenol	15.30	109	159555	126.799	ng/ul#	48
53) Dibenzofuran	15.51	168	1134617	80.461	ng/ul	98
54) 2,4-Dinitrotoluene	15.46	165	310573	88.246	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.72	232	257565	118.246	ng/ul#	90
56) Diethylphthalate	15.90	149	1018848	83.547	ng/ul	98
58) Fluorene	16.15	166	952254	82.740	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.14	204	488754	97.407	ng/ul	87
60) 4-Nitroaniline	16.18	138	247287	86.694	ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	16.22	198	204685	90.451	ng/ul#	97
64) N-Nitrosodiphenylamine	16.35	169	857477	72.904	ng/ul	97
65) 4-Bromophenyl-phenylether	17.03	248	314950	88.206	ng/ul	90
66) Hexachlorobenzene	17.16	284	325955	84.765	ng/ul	94
67) Atrazine	17.29	200	320236	87.125	ng/ul	98
68) Pentachlorophenol	17.50	266	218641	124.504	ng/ul	92
69) Phenanthrene	17.90	178	1492684	74.050	ng/ul	97
71) Anthracene	18.00	178	1528249	73.903	ng/ul	97
72) Carbazole	18.26	167	1333837	76.276	ng/ul	96
73) Di-n-butylphthalate	18.78	149	1654296	72.719	ng/ul#	97
74) Fluoranthene	19.90	202	1694953	90.572	ng/ul#	83
77) Pyrene	20.26	202	1720489	65.212	ng/ul#	78
78) Butylbenzylphthalate	21.14	149	790370	64.499	ng/ul	94
79) 3,3'-Dichlorobenzidine	22.11	252	590861	78.152	ng/ul#	94
80) Benzo(a)anthracene	22.22	228	1737885	75.562	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.07	149	1125912	64.387	ng/ul	96
82) Chrysene	22.29	228	1570696	73.515	ng/ul	97
84) Di-n-octyl phthalate	23.43	149	1901443	78.784	ng/ul	100
85) Benzo(b)fluoranthene	24.72	252	1775156	88.453	ng/ul#	94
86) Benzo(k)fluoranthene	24.81	252	1681303	85.261	ng/ul#	96
88) Benzo(a)pyrene	25.74	252	1700904	86.113	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.13	276	1991822	85.074	ng/ul#	89
90) Dibenzo(a,h)anthracene	30.20	278	1702705	85.770	ng/ul#	92
91) Benzo(g,h,i)perylene	31.46	276	1613728	83.105	ng/ul#	87

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

