

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026847.D
 Acq On : 3 May 2017 12:06
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02072

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:47:05 PM

Quant Time: May 04 00:46:46 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 00:58:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	136710	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	693879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	378513	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	708997	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	640721	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	659105	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	24251	7.99	ng/uL	0.00
5) Phenol-d5	7.18	99	274289	22.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	156841	21.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	220805	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	223806	22.10	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	107835	18.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	118355	18.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	210211	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	294888	21.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	586803	19.26	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	785696	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	87513	15.94	ng/ul	0.00
57) Fluorene-d10	15.61	176	508633	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	70550	16.39	ng/ul	0.00
70) Anthracene-d10	17.45	188	688205	20.00	ng/ul	0.00
76) Pyrene-d10	19.73	212	660820	19.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	625615	20.08	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.46	88	24173m	6.98	ng/uL
4) Benzaldehyde	7.14	77	111112	18.84	ng/ul# 63
6) Phenol	7.21	94	282854	22.87	ng/ul# 75
8) Bis(2-Chloroethyl)ether	7.42	93	201328	21.09	ng/ul 92
10) 2-Chlorophenol	7.58	128	213695	20.97	ng/ul# 80
11) 2-Methylphenol	8.46	108	217246	22.19	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.53	45	247928	24.88	ng/ul# 90
14) Acetophenone	8.82	105	327014	21.99	ng/ul# 75
15) N-Nitroso-di-n-propylamine	8.81	70	146747	20.00	ng/ul# 76
16) 4-Methylphenol	8.79	108	241831	22.59	ng/ul 99
17) Hexachloroethane	9.09	117	77395	20.19	ng/ul# 70
20) Nitrobenzene	9.20	77	228921	20.45	ng/ul# 80
21) Isophorone	9.72	82	427352	19.89	ng/ul# 91
23) 2-Nitrophenol	9.92	139	124697	18.80	ng/ul# 62
24) 2,4-Dimethylphenol	9.99	107	252238	20.86	ng/ul# 82
25) Bis(2-Chloroethoxy)methane	10.20	93	289116	19.70	ng/ul 94
27) 2,4-Dichlorophenol	10.46	162	208506	20.86	ng/ul 96
28) Naphthalene	10.86	128	728568	20.17	ng/ul 97
30) 4-Chloroaniline	10.96	127	279455	22.08	ng/ul 91
31) Hexachlorobutadiene	11.14	225	95294	18.85	ng/ul 93
32) Caprolactam	11.71	113	76528	20.49	ng/ul# 67
33) 4-Chloro-3-methylphenol	12.10	107	238053	21.96	ng/ul# 85
34) 2-Methylnaphthalene	12.45	142	531061	19.81	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	196564	19.70	ng/ul#	93
37) Hexachlorocyclopentadiene	12.80	237	83758	19.05	ng/ul	95
38) 2,4,6-Trichlorophenol	13.06	196	140986	20.54	ng/ul	95
39) 2,4,5-Trichlorophenol	13.15	196	145302	20.47	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	641812	20.17	ng/ul	97
41) 2-Chloronaphthalene	13.50	162	482739	20.18	ng/ul	94
42) 2-Nitroaniline	13.71	65	149317	21.85	ng/ul#	81
44) Dimethylphthalate	14.07	163	571036	19.15	ng/ul	97
45) 2,6-Dinitrotoluene	14.19	165	115728	18.39	ng/ul	87
47) Acenaphthylene	14.35	152	802051	20.58	ng/ul	99
48) 3-Nitroaniline	14.52	138	127705	19.28	ng/ul#	89
49) Acenaphthene	14.68	153	537773	19.83	ng/ul	95
50) 2,4-Dinitrophenol	14.74	184	55317	17.19	ng/ul#	74
52) 4-Nitrophenol	14.86	109	54868	17.04	ng/ul#	26
53) Dibenzofuran	15.02	168	715634	19.83	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	167363	18.58	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.25	232	102335	18.36	ng/ul#	81
56) Diethylphthalate	15.42	149	609124	19.51	ng/ul	99
58) Fluorene	15.66	166	569828	19.34	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	246977	19.23	ng/ul	95
60) 4-Nitroaniline	15.69	138	121180	16.60	ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.74	198	77060	17.19	ng/ul	100
64) N-Nitrosodiphenylamine	15.86	169	472560	20.28	ng/ul	98
65) 4-Bromophenyl-phenylether	16.54	248	140211	19.82	ng/ul#	82
66) Hexachlorobenzene	16.67	284	145696	19.12	ng/ul#	89
67) Atrazine	16.81	200	144684	19.87	ng/ul	93
68) Pentachlorophenol	17.02	266	61470	17.67	ng/ul	93
69) Phenanthrene	17.40	178	805612	20.17	ng/ul	99
71) Anthracene	17.49	178	829316	20.24	ng/ul	99
72) Carbazole	17.76	167	755179	21.80	ng/ul	99
73) Di-n-butylphthalate	18.31	149	973998	21.61	ng/ul#	96
74) Fluoranthene	19.40	202	825492	22.26	ng/ul#	81
77) Pyrene	19.76	202	845339	19.67	ng/ul#	74
78) Butylbenzylphthalate	20.64	149	444898m	22.28	ng/ul	
79) 3,3'-Dichlorobenzidine	21.50	252	268561	21.80	ng/ul#	94
80) Benzo(a)anthracene	21.58	228	759265	20.26	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	652030	22.89	ng/ul#	98
82) Chrysene	21.65	228	698842	20.08	ng/ul	97
84) Di-n-octyl phthalate	22.66	149	1125723	24.85	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	754018	20.02	ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	747097	20.19	ng/ul#	94
88) Benzo(a)pyrene	24.62	252	747405	20.16	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.37	276	882858	20.09	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.42	278	743736	19.96	ng/ul#	87
91) Benzo(g,h,i)perylene	29.50	276	732622	20.10	ng/ul#	79

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

