

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026765.D
 Acq On : 30 Apr 2017 9:52
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02064

Manual Integrations
 APPROVED

mohammad
 5/1/2017 6:51:14 PM

Quant Time: May 01 04:14:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 29 01:26:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	171455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	862034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	482580	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	937625	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	860546	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	893593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	29293	7.69	ng/uL	0.00
5) Phenol-d5	7.18	99	333243	21.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	185013	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	270223	20.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	275811	21.72	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	143822	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	158997	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	259427	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	372243	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	769014	19.80	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	996014	20.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	134707	19.24	ng/ul	0.00
57) Fluorene-d10	15.61	176	679215	20.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	116157	20.40	ng/ul	0.00
70) Anthracene-d10	17.45	188	922931	20.28	ng/ul	0.00
76) Pyrene-d10	19.73	212	871866	19.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	851797	20.16	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	32414	7.46	ng/uL# 79
4) Benzaldehyde	7.14	77	134159m	18.14	ng/ul
6) Phenol	7.21	94	340845	21.98	ng/ul# 75
8) Bis(2-Chloroethyl)ether	7.42	93	243759	20.36	ng/ul 85
10) 2-Chlorophenol	7.58	128	263526	20.62	ng/ul# 81
11) 2-Methylphenol	8.46	108	270164	22.01	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.53	45	265824	21.27	ng/ul# 84
14) Acetophenone	8.82	105	390161m	20.92	ng/ul
15) N-Nitroso-di-n-propylamine	8.81	70	188721	20.51	ng/ul# 72
16) 4-Methylphenol	8.79	108	298248	22.21	ng/ul 96
17) Hexachloroethane	9.09	117	96503	20.07	ng/ul# 71
20) Nitrobenzene	9.20	77	272328	19.59	ng/ul# 77
21) Isophorone	9.73	82	525057	19.67	ng/ul# 90
23) 2-Nitrophenol	9.92	139	167799	20.37	ng/ul# 58
24) 2,4-Dimethylphenol	9.99	107	305661	20.35	ng/ul# 79
25) Bis(2-Chloroethoxy)methane	10.20	93	354131	19.42	ng/ul# 94
27) 2,4-Dichlorophenol	10.47	162	255504	20.57	ng/ul 96
28) Naphthalene	10.86	128	876603	19.53	ng/ul 99
30) 4-Chloroaniline	10.97	127	349122	22.20	ng/ul 98
31) Hexachlorobutadiene	11.14	225	118916	18.93	ng/ul 90
32) Caprolactam	11.71	113	98453	21.22	ng/ul# 62
33) 4-Chloro-3-methylphenol	12.10	107	300134	22.29	ng/ul 87
34) 2-Methylnaphthalene	12.45	142	655658	19.69	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	247561	19.46	ng/ul#	94
37) Hexachlorocyclopentadiene	12.81	237	136731	24.39	ng/ul	96
38) 2,4,6-Trichlorophenol	13.06	196	183774	21.00	ng/ul	95
39) 2,4,5-Trichlorophenol	13.15	196	191402	21.15	ng/ul	97
40) 1,1'-Biphenyl	13.45	154	806213	19.87	ng/ul	98
41) 2-Chloronaphthalene	13.50	162	606583	19.89	ng/ul	95
42) 2-Nitroaniline	13.70	65	189260	21.72	ng/ul#	73
44) Dimethylphthalate	14.07	163	755671	19.87	ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	164838	20.54	ng/ul#	83
47) Acenaphthylene	14.35	152	1000676	20.13	ng/ul	99
48) 3-Nitroaniline	14.52	138	175406	20.77	ng/ul#	76
49) Acenaphthene	14.68	153	681317	19.71	ng/ul	96
50) 2,4-Dinitrophenol	14.73	184	95646m	23.31	ng/ul	
52) 4-Nitrophenol	14.85	109	78011m	19.00	ng/ul	
53) Dibenzofuran	15.02	168	915147	19.89	ng/ul	95
54) 2,4-Dinitrotoluene	14.98	165	234339	20.40	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	145937	20.53	ng/ul#	76
56) Diethylphthalate	15.42	149	792843	19.92	ng/ul	97
58) Fluorene	15.66	166	735764	19.59	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	320874	19.60	ng/ul#	92
60) 4-Nitroaniline	15.69	138	162164	17.42	ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.74	198	123228	20.78	ng/ul#	89
64) N-Nitrosodiphenylamine	15.86	169	625748	20.30	ng/ul	95
65) 4-Bromophenyl-phenylether	16.54	248	191962	20.52	ng/ul#	84
66) Hexachlorobenzene	16.67	284	200587	19.91	ng/ul#	93
67) Atrazine	16.81	200	196887	20.44	ng/ul#	92
68) Pentachlorophenol	17.01	266	97506	21.19	ng/ul	93
69) Phenanthrene	17.40	178	1046872	19.82	ng/ul	99
71) Anthracene	17.49	178	1083134	19.99	ng/ul	99
72) Carbazole	17.76	167	991550	21.64	ng/ul	99
73) Di-n-butylphthalate	18.31	149	1268127	21.27	ng/ul#	97
74) Fluoranthene	19.40	202	1082563	22.08	ng/ul#	79
77) Pyrene	19.76	202	1114115	19.30	ng/ul#	76
78) Butylbenzylphthalate	20.64	149	590485	22.02	ng/ul#	81
79) 3,3'-Dichlorobenzidine	21.49	252	362426	21.91	ng/ul#	94
80) Benzo(a)anthracene	21.58	228	1013898	20.15	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.48	149	859320	22.46	ng/ul#	98
82) Chrysene	21.64	228	945703	20.23	ng/ul	99
84) Di-n-octyl phthalate	22.66	149	1458547	23.75	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1037385	20.32	ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	1013433	20.20	ng/ul#	93
88) Benzo(a)pyrene	24.61	252	1006440	20.03	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.36	276	1212136	20.35	ng/ul#	80
90) Dibenzo(a,h)anthracene	28.41	278	1024388	20.28	ng/ul#	86
91) Benzo(g,h,i)perylene	29.48	276	1002506	20.29	ng/ul#	81

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

