

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032717\
 Data File : BG026437.D
 Acq On : 27 Mar 2017 17:14
 Operator : SJ/MA
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV07

Quant Time: Mar 27 18:01:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 27 17:23:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	157323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	671130	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	392309	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	925919	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1041547	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1023431	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	26010	7.91	ng/uL	0.00
5) Phenol-d5	7.21	99	246668	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	138288	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	221302	21.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	203896	21.85	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	102330	21.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	124660	22.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	223182	21.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	255870	24.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	643232	21.17	ng/ul	0.00
46) Acenaphthylene-d8	14.35	160	800007	21.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	119807	20.27	ng/ul	0.00
57) Fluorene-d10	15.63	176	578040	20.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	120207	20.19	ng/ul	0.00
70) Anthracene-d10	17.48	188	884567	21.04	ng/ul	0.00
78) Pyrene-d10	19.76	212	980337	21.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	918140	20.88	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.51	88	27934	7.95 ng/uL#	86
4) Benzaldehyde	7.18	77	137137	21.19 ng/ul	90
6) Phenol	7.23	94	258068	21.33 ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.46	93	199502	21.61 ng/ul	95
10) 2-Chlorophenol	7.61	128	216398	21.53 ng/ul	98
11) 2-Methylphenol	8.48	108	203040	21.46 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	185927	21.36 ng/ul	98
14) Acetophenone	8.86	105	303609	21.66 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.84	70	140926	21.65 ng/ul	94
16) 4-Methylphenol	8.81	108	219930	21.48 ng/ul	99
17) Hexachloroethane	9.13	117	77900	20.93 ng/ul	87
20) Nitrobenzene	9.24	77	192871	20.24 ng/ul	93
21) Isophorone	9.76	82	388012	21.38 ng/ul#	94
23) 2-Nitrophenol	9.96	139	129344	21.87 ng/ul#	85
24) 2,4-Dimethylphenol	10.01	107	225935	21.27 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.24	93	263201	20.99 ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	215408	21.14 ng/ul	96
28) Naphthalene	10.89	128	679126	21.09 ng/ul	98
30) 4-Chloroaniline	11.00	127	242778	24.78 ng/ul	99
31) Hexachlorobutadiene	11.18	225	134796	20.79 ng/ul	99
32) Caprolactam	11.74	113	73711	20.49 ng/ul	96
33) 4-Chloro-3-methylphenol	12.11	107	208833	21.17 ng/ul#	84
34) 2-Methylnaphthalene	12.49	142	525050	21.08 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	265100	21.46	ng/ul#	96
37) Hexachlorocyclopentadiene	12.84	237	124063	20.11	ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	171064	20.88	ng/ul	96
39) 2,4,5-Trichlorophenol	13.17	196	179254	21.25	ng/ul	99
40) 1,1'-Biphenyl	13.49	154	673274	21.39	ng/ul	99
41) 2-Chloronaphthalene	13.53	162	495052	20.84	ng/ul	93
42) 2-Nitroaniline	13.73	65	121191	21.94	ng/ul	95
44) Dimethylphthalate	14.10	163	619400	21.04	ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	137704	21.67	ng/ul#	83
47) Acenaphthylene	14.38	152	811894	21.54	ng/ul	98
48) 3-Nitroaniline	14.55	138	128941	22.03	ng/ul	87
49) Acenaphthene	14.71	153	552730	21.13	ng/ul	97
50) 2,4-Dinitrophenol	14.76	184	64423	18.00	ng/ul#	80
52) 4-Nitrophenol	14.86	109	63395	20.22	ng/ul#	51
53) Dibenzofuran	15.05	168	788201	21.20	ng/ul	89
54) 2,4-Dinitrotoluene	15.00	165	200477	21.82	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.27	232	172175	21.22	ng/ul#	86
56) Diethylphthalate	15.45	149	621157	21.23	ng/ul	95
58) Fluorene	15.69	166	652485	21.10	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.68	204	316971	20.87	ng/ul#	84
60) 4-Nitroaniline	15.70	138	151177	20.72	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.77	198	129808	20.77	ng/ul#	86
64) N-Nitrosodiphenylamine	15.89	169	564710	21.32	ng/ul	97
65) 4-Bromophenyl-phenylether	16.57	248	214635	21.08	ng/ul#	84
66) Hexachlorobenzene	16.70	284	227455	20.84	ng/ul#	89
67) Atrazine	16.83	200	218532	21.30	ng/ul	96
68) Pentachlorophenol	17.04	266	129774	19.97	ng/ul	97
69) Phenanthrene	17.42	178	1026388	21.15	ng/ul	98
71) Anthracene	17.51	178	1057694	21.30	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	257040	21.07	ng/uL	95
73) Pentachlorobenzene	14.97	250	290352	20.92	ng/uL	97
74) Carbazole	17.78	167	961066	22.52	ng/ul	97
75) Di-n-butylphthalate	18.33	149	1078946	21.44	ng/ul#	98
76) Fluoranthene	19.42	202	1208903	23.32	ng/ul	98
79) Pyrene	19.79	202	1244678	21.46	ng/ul	99
80) Butylbenzylphthalate	20.66	149	487375	21.25	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.52	252	396876	21.96	ng/ul	98
82) Benzo(a)anthracene	21.61	228	1205434	21.40	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	687771	20.98	ng/ul#	94
84) Chrysene	21.67	228	1088364	20.90	ng/ul	98
86) Di-n-octyl phthalate	22.70	149	1157515	21.99	ng/ul#	95
87) Benzo(b)fluoranthene	23.79	252	1222400	21.06	ng/ul	100
88) Benzo(k)fluoranthene	23.86	252	1164863	21.01	ng/ul	98
90) Benzo(a)pyrene	24.65	252	1192729	21.24	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.41	276	1400709	20.69	ng/ul#	90
92) Dibenzo(a,h)anthracene	28.48	278	1163291	20.58	ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1155819	20.52	ng/ul	98

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

