

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032917\
 Data File : BG026493.D
 Acq On : 30 Mar 2017 1:59
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02016

Quant Time: Mar 30 03:21:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 02:19:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	166096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	705383	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	410234	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	974380	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1110968	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1106987	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	29656	8.54	ng/uL	0.00
5) Phenol-d5	7.20	99	260359	21.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	146116	21.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	231288	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	209003	21.21	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	107317	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	127413	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	226373	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	277759	25.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	665460	20.95	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	828053	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	120039	19.42	ng/ul	0.00
57) Fluorene-d10	15.63	176	600851	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	123079	19.64	ng/ul	0.00
70) Anthracene-d10	17.48	188	927340	20.96	ng/ul	0.00
78) Pyrene-d10	19.75	212	1042062	21.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	1002608	21.08	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.51	88	31568	8.51	ng/uL#	89
4) Benzaldehyde	7.18	77	147620	21.61	ng/ul	90
6) Phenol	7.23	94	273593	21.42	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.45	93	209566	21.50	ng/ul	95
10) 2-Chlorophenol	7.61	128	225114	21.21	ng/ul	96
11) 2-Methylphenol	8.48	108	208366	20.86	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.57	45	194420	21.15	ng/ul	98
14) Acetophenone	8.86	105	311393	21.04	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.84	70	142204	20.70	ng/ul#	92
16) 4-Methylphenol	8.81	108	230922	21.36	ng/ul	99
17) Hexachloroethane	9.13	117	80848	20.58	ng/ul#	85
20) Nitrobenzene	9.24	77	206842	20.65	ng/ul	94
21) Isophorone	9.76	82	399564	20.95	ng/ul	96
23) 2-Nitrophenol	9.95	139	131642	21.18	ng/ul#	89
24) 2,4-Dimethylphenol	10.01	107	233532	20.92	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.24	93	272897	20.71	ng/ul	100
27) 2,4-Dichlorophenol	10.49	162	221578	20.69	ng/ul	96
28) Naphthalene	10.89	128	711957	21.03	ng/ul	98
30) 4-Chloroaniline	10.99	127	255186	24.78	ng/ul	98
31) Hexachlorobutadiene	11.18	225	139687	20.50	ng/ul	97
32) Caprolactam	11.74	113	72670	19.22	ng/ul	97
33) 4-Chloro-3-methylphenol	12.11	107	215599	20.79	ng/ul	90
34) 2-Methylnaphthalene	12.49	142	554618	21.19	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	276435	21.40	ng/ul#	97
37) Hexachlorocyclopentadiene	12.84	237	124179	19.25	ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	179459	20.94	ng/ul	98
39) 2,4,5-Trichlorophenol	13.17	196	181469	20.57	ng/ul	96
40) 1,1'-Biphenyl	13.48	154	692063	21.03	ng/ul	99
41) 2-Chloronaphthalene	13.53	162	517654	20.84	ng/ul	93
42) 2-Nitroaniline	13.73	65	118690	20.55	ng/ul	90
44) Dimethylphthalate	14.09	163	640509	20.81	ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	141074	21.23	ng/ul#	87
47) Acenaphthylene	14.37	152	838398	21.27	ng/ul	97
48) 3-Nitroaniline	14.55	138	140213	22.91	ng/ul	93
49) Acenaphthene	14.71	153	574422	21.00	ng/ul	100
50) 2,4-Dinitrophenol	14.76	184	61325	16.39	ng/ul#	83
52) 4-Nitrophenol	14.85	109	67559	20.60	ng/ul#	67
53) Dibenzofuran	15.04	168	823695	21.18	ng/ul	88
54) 2,4-Dinitrotoluene	15.00	165	203604	21.19	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.27	232	177434	20.91	ng/ul#	88
56) Diethylphthalate	15.45	149	638323	20.86	ng/ul	96
58) Fluorene	15.69	166	672094	20.79	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.67	204	332584	20.94	ng/ul#	85
60) 4-Nitroaniline	15.70	138	151515	19.86	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.77	198	133102	20.24	ng/ul#	83
64) N-Nitrosodiphenylamine	15.89	169	586470	21.04	ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	225891	21.08	ng/ul#	82
66) Hexachlorobenzene	16.70	284	237855	20.71	ng/ul#	83
67) Atrazine	16.83	200	228356	21.15	ng/ul	99
68) Pentachlorophenol	17.04	266	134568	19.68	ng/ul	99
69) Phenanthrene	17.42	178	1071323	20.98	ng/ul	98
71) Anthracene	17.51	178	1110466	21.26	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	269368	20.99	ng/uL	99
73) Pentachlorobenzene	14.97	250	305883	20.94	ng/uL	98
74) Carbazole	17.78	167	1004004	22.35	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1119924	21.15	ng/ul#	98
76) Fluoranthene	19.42	202	1277456	23.41	ng/ul	100
79) Pvrene	19.78	202	1324386	21.41	ng/ul	97
80) Butylbenzylphthalate	20.66	149	507873	20.76	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.52	252	443977	23.03	ng/ul	97
82) Benzo(a)anthracene	21.61	228	1283490	21.36	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.50	149	721124	20.62	ng/ul#	93
84) Chrysene	21.67	228	1189021	21.40	ng/ul	97
86) Di-n-octyl phthalate	22.70	149	1234887	21.69	ng/ul#	95
87) Benzo(b)fluoranthene	23.79	252	1291755	20.57	ng/ul	98
88) Benzo(k)fluoranthene	23.86	252	1291400	21.53	ng/ul	99
90) Benzo(a)pyrene	24.65	252	1291304	21.26	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.42	276	1512459	20.65	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.47	278	1249637	20.44	ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1258420	20.66	ng/ul	97

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

