

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028270.D
 Acq On : 10 Aug 2017 22:40
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02061

Manual Integrations
 APPROVED

Sohil
 8/14/2017 4:02:32 PM

Quant Time: Aug 11 04:03:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 01:09:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	42668	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	181914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	129963	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	339299	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	396479	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	376642	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	6818	7.44	ng/uL	0.00
5) Phenol-d5	7.50	99	78211	16.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	51046	17.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	57165	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	65891	16.82	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	28624	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	33230	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	66256	20.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	78580	21.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	219746	19.01	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	257995	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36050	19.61	ng/ul	0.00
57) Fluorene-d10	15.95	176	199483	19.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	43571	19.77	ng/ul	0.00
70) Anthracene-d10	17.81	188	322535	19.82	ng/ul	0.00
76) Pyrene-d10	20.08	212	378259	18.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	346023m	19.62	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.88	88	8135	8.453	ng/uL#	64
4) Benzaldehyde	7.50	77	52289	19.308	ng/ul	91
6) Phenol	7.52	94	81210	17.438	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.76	93	57239	18.042	ng/ul	97
10) 2-Chlorophenol	7.92	128	55033	19.103	ng/ul	98
11) 2-Methylphenol	8.79	108	55762	16.963	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.88	45	125074	16.241	ng/ul	95
14) Acetophenone	9.18	105	93700	16.775	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.15	70	54095	17.040	ng/ul#	97
16) 4-Methylphenol	9.11	108	63766	17.179	ng/ul	91
17) Hexachloroethane	9.45	117	22407	18.770	ng/ul	93
20) Nitrobenzene	9.56	77	78600	19.088	ng/ul	96
21) Isophorone	10.08	82	149389	19.096	ng/ul#	97
23) 2-Nitrophenol	10.27	139	31010	19.695	ng/ul	91
24) 2,4-Dimethylphenol	10.32	107	77836	19.889	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.56	93	81693	19.171	ng/ul	94
27) 2,4-Dichlorophenol	10.81	162	58045	19.760	ng/ul	90
28) Naphthalene	11.22	128	178567	19.819	ng/ul	97
30) 4-Chloroaniline	11.33	127	76413	21.946	ng/ul	94
31) Hexachlorobutadiene	11.50	225	45126	20.812	ng/ul	91
32) Caprolactam	12.08	113	22470	18.395	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.42	107	73831	19.691	ng/ul	88
34) 2-Methylnaphthalene	12.80	142	139859	19.326	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	86347	20.612	ng/ul	91
37) Hexachlorocyclopentadiene	13.14	237	41613	18.003	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.40	196	56064	21.473	ng/ul	97
39) 2,4,5-Trichlorophenol	13.48	196	61329	21.550	ng/ul	98
40) 1,1'-Biphenyl	13.79	154	189911	20.008	ng/ul	97
41) 2-Chloronaphthalene	13.84	162	143273	19.100	ng/ul	92
42) 2-Nitroaniline	14.04	65	61868	19.672	ng/ul	91
44) Dimethylphthalate	14.39	163	202246	19.002	ng/ul	100
45) 2,6-Dinitrotoluene	14.53	165	45207	20.572	ng/ul#	85
47) Acenaphthylene	14.68	152	239738	19.249	ng/ul	98
48) 3-Nitroaniline	14.86	138	41602	21.025	ng/ul#	92
49) Acenaphthene	15.02	153	160909	19.148	ng/ul	97
50) 2,4-Dinitrophenol	15.06	184	26486m	21.392	ng/ul	
52) 4-Nitrophenol	15.16	109	36622	19.231	ng/ul#	79
53) Dibenzofuran	15.36	168	240004	19.588	ng/ul	97
54) 2,4-Dinitrotoluene	15.31	165	68130	20.458	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.58	232	56724	21.402	ng/ul#	99
56) Diethylphthalate	15.75	149	228408	18.293	ng/ul	99
58) Fluorene	16.00	166	208827	19.251	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	109741	18.857	ng/ul	85
60) 4-Nitroaniline	16.03	138	44871	19.114	ng/ul	83
63) 4,6-Dinitro-2-methylphenol	16.07	198	44570	19.942	ng/ul#	95
64) N-Nitrosodiphenylamine	16.20	169	175860	19.701	ng/ul	95
65) 4-Bromophenyl-phenylether	16.88	248	75566	20.721	ng/ul	98
66) Hexachlorobenzene	17.01	284	79418	20.457	ng/ul	95
67) Atrazine	17.14	200	78120	20.073	ng/ul	98
68) Pentachlorophenol	17.35	266	38612	19.636	ng/ul	89
69) Phenanthrene	17.75	178	339750	19.897	ng/ul	99
71) Anthracene	17.84	178	347441	19.909	ng/ul	98
72) Carbazole	18.11	167	300230	19.781	ng/ul	98
73) Di-n-butylphthalate	18.64	149	379536	20.088	ng/ul	98
74) Fluoranthene	19.75	202	418673	20.175	ng/ul	99
77) Pyrene	20.11	202	439668	18.587	ng/ul	99
78) Butylbenzylphthalate	20.97	149	176221	19.886	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.92	252	151391	19.791	ng/ul	100
80) Benzo(a)anthracene	22.01	228	451099	19.692	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	247019	19.600	ng/ul	98
82) Chrysene	22.09	228	404887	19.625	ng/ul	97
84) Di-n-octyl phthalate	23.18	149	426005	18.874	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	435819	19.336	ng/ul	98
86) Benzo(k)fluoranthene	24.49	252	436209m	19.813	ng/ul	
88) Benzo(a)pyrene	25.37	252	426626	19.550	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.55	276	504260	19.732	ng/ul	99
90) Dibenzo(a,h)anthracene	29.62	278	421794	19.692	ng/ul	93
91) Benzo(g,h,i)perylene	30.83	276	411010	19.550	ng/ul	97

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

