

Data Path : Z:\HPCHEM1\BNA_G\Data\BG082917\
 Data File : BG028546.D
 Acq On : 29 Aug 2017 22:55
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02093

Quant Time: Aug 30 01:27:38 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 01:19:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	34687	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	144379	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	99869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	264542	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	309523	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	304537	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	5969	8.01	ng/uL	0.00
5) Phenol-d5	7.50	99	66194	17.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	41107	17.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	48507	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	54613	17.15	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	24686	21.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	28684	23.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	54747	21.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	63896	22.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	180984	20.37	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	206736	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	27822	19.70	ng/ul	0.00
57) Fluorene-d10	15.94	176	162877	20.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	34344	19.98	ng/ul	0.00
70) Anthracene-d10	17.80	188	267078	21.05	ng/ul	0.00
76) Pyrene-d10	20.08	212	305743	19.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	289757	20.32	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.86	88	7737	9.889 ng/uL#	84
4) Benzaldehyde	7.48	77	46111	20.945 ng/ul	98
6) Phenol	7.53	94	65281	17.243 ng/ul	91
8) Bis(2-Chloroethyl)ether	7.75	93	46393	17.988 ng/ul	87
10) 2-Chlorophenol	7.91	128	47195	20.152 ng/ul#	85
11) 2-Methylphenol	8.78	108	48168	18.024 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.86	45	95914	15.320 ng/ul	99
14) Acetophenone	9.16	105	80192	17.660 ng/ul	89
15) N-Nitroso-di-n-propylamine	9.14	70	44362	17.189 ng/ul	94
16) 4-Methylphenol	9.11	108	51365	17.022 ng/ul	98
17) Hexachloroethane	9.42	117	19845	20.449 ng/ul	98
20) Nitrobenzene	9.55	77	66304	20.288 ng/ul	98
21) Isophorone	10.07	82	121530	19.573 ng/ul	96
23) 2-Nitrophenol	10.27	139	28208	22.573 ng/ul#	78
24) 2,4-Dimethylphenol	10.31	107	63477	20.436 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.55	93	65388	19.334 ng/ul	97
27) 2,4-Dichlorophenol	10.81	162	50169	21.519 ng/ul	90
28) Naphthalene	11.22	128	147613	20.643 ng/ul	96
30) 4-Chloroaniline	11.32	127	60222	21.792 ng/ul	92
31) Hexachlorobutadiene	11.48	225	40298	23.417 ng/ul#	84
32) Caprolactam	12.07	113	19352	19.961 ng/ul#	73
33) 4-Chloro-3-methylphenol	12.43	107	61104	20.533 ng/ul	96
34) 2-Methylnaphthalene	12.80	142	114522	19.939 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	73005	22.679	ng/ul#	94
37) Hexachlorocyclopentadiene	13.13	237	21798	12.272	ng/ul	91
38) 2,4,6-Trichlorophenol	13.39	196	47577	23.713	ng/ul	95
39) 2,4,5-Trichlorophenol	13.48	196	50675	23.172	ng/ul	94
40) 1,1'-Biphenyl	13.78	154	152457	20.902	ng/ul	99
41) 2-Chloronaphthalene	13.84	162	120316	20.873	ng/ul	98
42) 2-Nitroaniline	14.04	65	49031	20.288	ng/ul	97
44) Dimethylphthalate	14.39	163	163599	20.003	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	36795	21.790	ng/ul#	87
47) Acenaphthylene	14.68	152	193988	20.269	ng/ul	96
48) 3-Nitroaniline	14.85	138	32658	21.478	ng/ul#	96
49) Acenaphthene	15.02	153	132470	20.514	ng/ul	98
50) 2,4-Dinitrophenol	15.08	184	13595	14.289	ng/ul	89
52) 4-Nitrophenol	15.17	109	28477	19.460	ng/ul	88
53) Dibenzofuran	15.35	168	195399	20.754	ng/ul	96
54) 2,4-Dinitrotoluene	15.32	165	53240	20.804	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.57	232	47046	23.099	ng/ul#	96
56) Diethylphthalate	15.74	149	185409	19.324	ng/ul	100
58) Fluorene	16.00	166	169988	20.393	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	91371	20.431	ng/ul#	85
60) 4-Nitroaniline	16.02	138	37941	21.032	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.09	198	33945	19.480	ng/ul#	92
64) N-Nitrosodiphenylamine	16.19	169	141663	20.355	ng/ul	95
65) 4-Bromophenyl-phenylether	16.87	248	62606	22.019	ng/ul	93
66) Hexachlorobenzene	17.01	284	69893	23.091	ng/ul	95
67) Atrazine	17.13	200	67047	22.096	ng/ul	95
68) Pentachlorophenol	17.35	266	28045	18.292	ng/ul	94
69) Phenanthrene	17.75	178	274958	20.653	ng/ul	98
71) Anthracene	17.84	178	286142	21.030	ng/ul	99
72) Carbazole	18.11	167	249966	21.124	ng/ul	97
73) Di-n-butylphthalate	18.63	149	316984	21.518	ng/ul#	97
74) Fluoranthene	19.75	202	342565	21.173	ng/ul	99
77) Pyrene	20.11	202	356891	19.327	ng/ul	97
78) Butylbenzylphthalate	20.97	149	142171	20.551	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.91	252	138086	23.124	ng/ul	93
80) Benzo(a)anthracene	22.01	228	365460	20.435	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	198048	20.130	ng/ul	99
82) Chrysene	22.08	228	333489	20.705	ng/ul	98
84) Di-n-octyl phthalate	23.17	149	343390	18.816	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	357000	19.590	ng/ul	99
86) Benzo(k)fluoranthene	24.50	252	355592	19.976	ng/ul	99
88) Benzo(a)pyrene	25.38	252	351537	19.923	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.59	276	428355	20.731	ng/ul	96
90) Dibenzo(a,h)anthracene	29.65	278	359386	20.751	ng/ul#	98
91) Benzo(g,h,i)perylene	30.86	276	351966	20.705	ng/ul	98

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

