

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG092820\
 Data File : BG046714.D
 Acq On : 28 Sep 2020 10:37
 Operator : CG/JU
 Sample : SSTD00501
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD005011

Quant Time: Sep 28 12:46:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 28 12:38:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59735	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	236439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	166057	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	394922	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	446548	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	433292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3224	2.28	ng/uL	0.00
5) Phenol-d5	7.25	99	25067	4.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16926	4.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	17137	4.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	18487	4.21	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	6161	3.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	6865	3.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	16506	4.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	26630	6.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	62603	5.10	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	77214	5.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	7407	3.19	ng/ul	0.00
58) Fluorene-d10	15.73	176	59179	5.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	7180	2.83	ng/ul	0.00
71) Anthracene-d10	17.58	188	95611	5.33	ng/ul	0.00
79) Pyrene-d10	19.86	212	117019	4.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	116459	5.39	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.58	88	2957	1.961	ng/uL# 92
4) Benzaldehyde	7.25	77	19312	6.382	ng/ul 98
6) Phenol	7.28	94	25823	4.646	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.53	93	21024	4.728	ng/ul 92
10) 2-Chlorophenol	7.68	128	18123	4.571	ng/ul 96
11) 2-Methylphenol	8.55	108	18168	4.326	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.65	45	33697	3.192	ng/ul# 94
14) Acetophenone	8.94	105	34686	5.012	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.92	70	17495	4.533	ng/ul# 96
16) 4-Methylphenol	8.87	108	20562	4.429	ng/ul# 78
17) Hexachloroethane	9.21	117	7815	4.311	ng/ul 92
20) Nitrobenzene	9.32	77	18122	3.726	ng/ul# 86
21) Isophorone	9.84	82	48993	5.243	ng/ul 99
23) 2-Nitrophenol	10.03	139	7314	3.534	ng/ul# 85
24) 2,4-Dimethylphenol	10.08	107	22988	5.015	ng/ul 94
25) Bis(2-Chloroethoxy)methane	10.33	93	28599	5.086	ng/ul 96
27) 2,4-Dichlorophenol	10.56	162	17280	4.763	ng/ul 97
28) Naphthalene	10.98	128	65714	5.234	ng/ul 97
30) 4-Chloroaniline	11.08	127	24664	5.784	ng/ul 96
31) Hexachlorobutadiene	11.27	225	18078	7.667	ng/ul 93
32) Caprolactam	11.83	113	5568	4.246	ng/ul 94
33) 4-Chloro-3-methylphenol	12.18	107	20394	4.557	ng/ul 90
34) 2-Methylnaphthalene	12.58	142	49486	5.580	ng/ul 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	47487	5.246	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	32107	6.704	ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	15725	5.251	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.17	196	15065	4.840	ng/ul	89
40) 2,4,5-Trichlorophenol	13.17	196	14161	4.234	ng/ul	87
41) 1,1'-Biphenyl	13.58	154	67873	5.473	ng/ul	94
42) 2-Chloronaphthalene	13.62	162	52659	5.416	ng/ul	96
43) 2-Nitroaniline	13.81	65	8289	2.273	ng/ul	97
45) Dimethylphthalate	14.19	163	65813	5.218	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	8674	3.427	ng/ul	94
48) Acenaphthylene	14.46	152	78421	5.003	ng/ul	96
49) 3-Nitroaniline	14.63	138	7913	3.524	ng/ul#	81
50) Acenaphthene	14.80	153	55078	5.225	ng/ul	95
51) 2,4-Dinitrophenol	14.83	184	3970	2.506	ng/ul#	61
53) 4-Nitrophenol	14.92	109	5610	2.809	ng/ul	92
54) Dibenzofuran	15.14	168	83424	5.718	ng/ul	96
55) 2,4-Dinitrotoluene	15.09	165	11610	3.150	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.36	232	14331	4.894	ng/ul#	97
57) Diethylphthalate	15.55	149	63959	4.873	ng/ul	94
59) Fluorene	15.79	166	68327	5.561	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.78	204	37701	6.152	ng/ul	98
61) 4-Nitroaniline	15.79	138	10151	3.965	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.84	198	7319	2.743	ng/ul#	88
65) N-Nitrosodiphenylamine	15.99	169	58019	5.027	ng/ul	97
66) 4-Bromophenyl-phenylether	16.67	248	24987	6.197	ng/ul	89
67) Hexachlorobenzene	16.78	284	12538	2.773	ng/ul	95
68) Atrazine	16.93	200	22184	5.055	ng/ul	95
69) Pentachlorophenol	17.13	266	10775	3.948	ng/ul	93
70) Phenanthrene	17.53	178	114701	5.255	ng/ul	96
72) Anthracene	17.61	178	117990	5.347	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	31163	5.834	ng/uL	94
74) Pentachlorobenzene	15.06	250	33196	6.418	ng/uL	95
75) Carbazole	17.88	167	92569	4.930	ng/ul	98
76) Di-n-butylphthalate	18.45	149	104622	4.221	ng/ul	98
77) Fluoranthene	19.53	202	145732	5.809	ng/ul#	97
80) Pvrene	19.89	202	149304	4.641	ng/ul#	98
81) Butylbenzylphthalate	20.78	149	45245	3.354	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.65	252	51178	5.404	ng/ul	93
83) Benzo(a)anthracene	21.74	228	155212	5.112	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	69715	3.426	ng/ul	99
85) Chrysene	21.81	228	151587	5.131	ng/ul	92
87) Di-n-octyl phthalate	22.90	149	111959	3.463	ng/ul	100
88) Benzo(b)fluoranthene	23.99	252	149520	5.475	ng/ul	98
89) Benzo(k)fluoranthene	24.06	252	143408	5.318	ng/ul#	98
91) Benzo(a)pyrene	24.89	252	139113	5.741	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.78	276	160766	6.122	ng/ul	95
93) Dibenzo(a,h)anthracene	28.84	278	134853	6.113	ng/ul	97
94) Benzo(a,h,i)perylene	29.92	276	57732	2.729	ng/ul	99

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

