

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100520\
 Data File : BG046787.D
 Acq On : 5 Oct 2020 19:45
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020009

Quant Time: Oct 05 20:19:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 11:23:35 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	71338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.923	136	279092	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.730	164	205080	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.474	188	483235	20.00	ng/ul	0.00
78) Chrysene-d12	21.751	240	549784	20.00	ng/ul	0.00
86) Perylene-d12	25.024	264	550194	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	10617	6.98	ng/uL	0.00
5) Phenol-d5	7.256	99	105451	17.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.433	67	63004	16.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.638	132	82296	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.807	113	86166	18.28	ng/ul	0.00
19) Nitrobenzene-d5	9.266	128	39416	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.994	143	44373	23.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.535	165	92982	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.046	131	107056	18.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.131	166	264894	17.08	ng/ul	0.00
47) Acenaphthylene-d8	14.424	160	314595	16.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.906	143	46899	18.97	ng/ul	0.00
58) Fluorene-d10	15.723	176	246638	17.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.829	200	45151	20.67	ng/ul	0.00
71) Anthracene-d10	17.574	188	386215	17.43	ng/ul	0.00
79) Pyrene-d10	19.853	212	495003	17.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.800	264	526371	17.70	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.572	88	13131	7.54	ng/uL	89
4) Benzaldehyde	7.245	77	78963	18.54	ng/ul	94
6) Phenol	7.280	94	111321	17.57	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.521	93	86156	17.49	ng/ul	95
10) 2-Chlorophenol	7.673	128	80435	18.01	ng/ul	97
11) 2-Methylphenol	8.537	108	82148	17.39	ng/ul	95
12) 2,2'-oxybis(1-Chloropr...	8.637	45	126281	16.18	ng/ul#	93
14) Acetophenone	8.931	105	135596	17.56	ng/ul	97
15) N-Nitroso-di-n-propyla...	8.913	70	71098	16.67	ng/ul#	97
16) 4-Methylphenol	8.866	108	87947	17.77	ng/ul	92
17) Hexachloroethane	9.201	117	36409	18.03	ng/ul	96
20) Nitrobenzene	9.313	77	110438	21.12	ng/ul	95
21) Isophorone	9.836	82	196634	16.84	ng/ul	98
23) 2-Nitrophenol	10.029	139	47742	22.82	ng/ul	93
24) 2,4-Dimethylphenol	10.076	107	101496	18.00	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.317	93	113228	16.84	ng/ul	93
27) 2,4-Dichlorophenol	10.558	162	88271	19.01	ng/ul	96
28) Naphthalene	10.970	128	269690	17.55	ng/ul	97
30) 4-Chloroaniline	11.069	127	105277	18.73	ng/ul	99
31) Hexachlorobutadiene	11.257	225	72693	17.53	ng/ul	98
32) Caprolactam	11.816	113	30136	18.21	ng/ul	87
33) 4-Chloro-3-methylphenol	12.180	107	92114	17.80	ng/ul	99
34) 2-Methylnaphthalene	12.568	142	196429	17.36	ng/ul	100
35) 1-Methylnaphthalene	12.785	142	192130	17.51	ng/ul	97
37) 1,2,4,5-Tetrachloroben...	12.932	216	128772	17.08	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.914	237	68230	14.17	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.167	196	81203	19.04	ng/ul	94
40) 2,4,5-Trichlorophenol	13.237	196	84647	18.90	ng/ul	92
41) 1,1'-Biphenyl	13.567	154	267330	16.81	ng/ul	97
42) 2-Chloronaphthalene	13.614	162	209958	16.63	ng/ul	98
43) 2-Nitroaniline	13.802	65	66919	23.05	ng/ul	99
45) Dimethylphthalate	14.178	163	265950	16.61	ng/ul	98
46) 2,6-Dinitrotoluene	14.295	165	57794	22.74	ng/ul	97
48) Acenaphthylene	14.454	152	314793	16.96	ng/ul	98
49) 3-Nitroaniline	14.624	138	52466	20.68	ng/ul#	76
50) Acenaphthene	14.794	153	222636	16.94	ng/ul	98
51) 2,4-Dinitrophenol	14.830	184	27839	18.72	ng/ul	93
53) 4-Nitrophenol	14.918	109	49534	20.32	ng/ul	87
54) Dibenzofuran	15.129	168	325181	16.86	ng/ul	98
55) 2,4-Dinitrotoluene	15.076	165	78346	22.62	ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.347	232	81646	19.39	ng/ul#	96
57) Diethylphthalate	15.541	149	267949	16.92	ng/ul	98
59) Fluorene	15.776	166	262507	16.54	ng/ul	98
60) 4-Chlorophenyl-phenyle...	15.770	204	149904	16.72	ng/ul	99
61) 4-Nitroaniline	15.782	138	59548	20.51	ng/ul#	83
64) 4,6-Dinitro-2-methylph...	15.840	198	47694	19.88	ng/ul#	82
65) N-Nitrosodiphenylamine	15.975	169	235332	16.95	ng/ul	97
66) 4-Bromophenyl-phenylether	16.663	248	104161	17.21	ng/ul	96
67) Hexachlorobenzene	16.780	284	101364	20.48	ng/ul	97
68) Atrazine	16.921	200	101060	17.73	ng/ul	96
69) Pentachlorophenol	17.121	266	66759	18.32	ng/ul	96
70) Phenanthrene	17.521	178	452598	17.08	ng/ul	98
72) Anthracene	17.609	178	458631	17.18	ng/ul	97
73) 1,2,3,4-Tetrachloroben...	13.537	216	128609	17.13	ng/uL	92
74) Pentachlorobenzene	15.047	250	130282	16.93	ng/uL	94
75) Carbazole	17.873	167	389977	18.15	ng/ul	98
76) Di-n-butylphthalate	18.431	149	464291	17.70	ng/ul	98
77) Fluoranthene	19.518	202	609324	18.26	ng/ul	100
80) Pyrene	19.883	202	612580	17.31	ng/ul	98
81) Butylbenzylphthalate	20.764	149	223543	17.98	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.639	252	233942	18.55	ng/ul	99
83) Benzo(a)anthracene	21.728	228	628867	17.34	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.639	149	329309	18.00	ng/ul	98
85) Chrysene	21.798	228	606107	17.30	ng/ul	98
87) Di-n-octyl phthalate	22.873	149	564296	18.51	ng/ul	100
88) Benzo(b)fluoranthene	23.978	252	632494	17.38	ng/ul	99
89) Benzo(k)fluoranthene	24.048	252	614591	17.26	ng/ul	98
91) Benzo(a)pyrene	24.865	252	576459	17.23	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.749	276	703393	17.32	ng/ul	99
93) Dibenzo(a,h)anthracene	28.825	278	592743	17.60	ng/ul	97
94) Benzo(g,h,i)perylene	29.918	276	590415	17.44	ng/ul	96

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

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