

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063719.D
 Acq On : 18 Dec 2024 5:20
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020570

Quant Time: Dec 18 06:03:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	153101	20.000	ng/u1	0.00
20) Naphthalene-d8	10.596	136	637956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	481943	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.195	188	1076169	20.000	ng/u1	-0.01
79) Chrysene-d12	21.442	240	1021253	20.000	ng/u1	-0.02
88) Perylene-d12	24.457	264	1091032	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26850	6.873	ng/uL	-0.01
4) Pyridine-d5	3.669	84	220098	17.859	ng/u1	-0.02
7) Phenol-d5	6.995	99	278328	19.739	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	173702	17.836	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.347	132	178522	19.556	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	212658	19.425	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	96295	21.140	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.680	143	112520	22.037	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.226	165	222989	22.557	ng/u1	0.00
31) 4-Chloroaniline-d4	10.732	131	274784	21.892	ng/u1	-0.01
46) Dimethylphthalate-d6	13.851	166	666635	20.328	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	795227	21.272	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	84278	18.138	ng/u1	0.00
60) Fluorene-d10	15.444	176	628963	21.692	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	42789	7.658	ng/u1	0.00
73) Anthracene-d10	17.294	188	1009699	21.823	ng/u1	-0.01
81) Pyrene-d10	19.592	212	1108219	20.853	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.251	264	1076174	21.005	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	30672	6.634	ng/uL	90
5) Pyridine	3.693	79	230256	17.443	ng/u1	88
6) Benzaldehyde	6.942	77	178636	20.654	ng/u1	97
8) Phenol	7.018	94	293485	19.530	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.230	93	203988	17.742	ng/u1	97
12) 2-Chlorophenol	7.377	128	185236	20.046	ng/u1	96
13) 2-Methylphenol	8.264	108	211925	19.512	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.323	45	311580	18.254	ng/u1	98
16) Acetophenone	8.622	105	352982	19.010	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.605	70	193582	17.472	ng/u1	91
18) 4-Methylphenol	8.587	108	231524	19.477	ng/u1	99
19) Hexachloroethane	8.875	117	78901	17.378	ng/u1	95
22) Nitrobenzene	9.004	77	291159	19.141	ng/u1	96
23) Isophorone	9.521	82	527718	18.362	ng/u1	98
25) 2-Nitrophenol	9.709	139	113774	21.682	ng/u1#	87
26) 2,4-Dimethylphenol	9.780	107	243462	20.446	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.009	93	295733	19.025	ng/u1	96
29) 2,4-Dichlorophenol	10.256	162	217793	22.172	ng/u1	97
30) Naphthalene	10.643	128	656221	20.574	ng/u1	99
32) 4-Chloroaniline	10.755	127	255298	21.377	ng/u1	99
33) Hexachlorobutadiene	10.931	225	145746	18.264	ng/u1	97
34) Caprolactam	11.513	113	73877m	21.757	ng/u1	
35) 4-Chloro-3-methylphenol	11.901	107	246248	21.353	ng/u1	98
36) 2-Methylnaphthalene	12.259	142	473078	20.637	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.477	142	485503	20.792	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.629	216	288500	18.699	ng/ul	97
40) Hexachlorocyclopentadiene	12.606	237	43379	7.112	ng/ul#	83
41) 2,4,6-Trichlorophenol	12.882	196	184160	21.119	ng/ul	94
42) 2,4,5-Trichlorophenol	12.964	196	192627	21.167	ng/ul	98
43) 1,1'-Biphenyl	13.276	154	653853	20.572	ng/ul	95
44) 2-Chloronaphthalene	13.317	162	521330	20.426	ng/ul	98
45) 2-Nitroaniline	13.522	65	197233	23.071	ng/ul	98
47) Dimethylphthalate	13.898	163	687354	20.913	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	136981	22.441	ng/ul#	90
50) Acenaphthylene	14.163	152	844384	21.065	ng/ul	99
51) 3-Nitroaniline	14.357	138	136674	24.218	ng/ul	86
52) Acenaphthene	14.509	153	601576	21.174	ng/ul	97
53) 2,4-Dinitrophenol	14.580	184	16036m	5.141	ng/ul	
55) 4-Nitrophenol	14.697	109	74983	15.541	ng/ul	89
56) Dibenzofuran	14.844	168	858433	21.431	ng/ul	100
57) 2,4-Dinitrotoluene	14.821	165	207248	22.850	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.085	232	159623	20.348	ng/ul	97
59) Diethylphthalate	15.267	149	676100	21.279	ng/ul	99
61) Fluorene	15.497	166	700168	21.891	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.491	204	367622	20.631	ng/ul	96
63) 4-Nitroaniline	15.520	138	137930	24.413	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.591	198	42344	7.356	ng/ul#	92
67) N-Nitrosodiphenylamine	15.708	169	591878	22.712	ng/ul	98
68) 4-Bromophenyl-phenylether	16.384	248	238229	21.721	ng/ul	98
69) Hexachlorobenzene	16.507	284	266300	21.672	ng/ul	97
70) Atrazine	16.660	200	243599	22.113	ng/ul	99
71) Pentachlorophenol	16.860	266	117028m	22.588	ng/ul	
72) Phenanthrene	17.236	178	1148078	22.138	ng/ul	98
74) Anthracene	17.330	178	1162074	22.139	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	297923	20.749	ng/ul	98
76) Pentachlorobenzene	14.774	250	301893	21.223	ng/ul	98
77) Carbazole	17.606	167	980320	23.072	ng/ul	98
78) Di-n-butylphthalate	18.158	149	1196241	23.313	ng/ul	98
80) Fluoranthene	19.257	202	1327201	21.973	ng/ul	97
82) Pyrene	19.621	202	1378457	21.450	ng/ul#	94
83) Butylbenzylphthalate	20.514	149	503737	25.535	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.343	252	426981	23.161	ng/ul#	90
85) Benzo(a)anthracene	21.425	228	1293882	20.216	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	737413	25.697	ng/ul	98
87) Chrysene	21.489	228	1219316	19.989	ng/ul	97
89) Di-n-octyl phthalate	22.471	149	1266547	26.896	ng/ul	100
90) Benzo(b)fluoranthene	23.505	252	1274200	20.549	ng/ul	99
91) Benzo(k)fluoranthene	23.569	252	1307541	21.139	ng/ul	99
93) Benzo(a)pyrene	24.316	252	1205034	20.704	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.858	276	1537620	21.632	ng/ul	97
95) Dibenzo(a,h)anthracene	27.911	278	1224783	21.534	ng/ul	96
96) Benzo(g,h,i)perylene	28.922	276	1189375m	21.087	ng/ul	

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

