

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062233.D
 Acq On : 5 Aug 2024 11:19
 Operator : MA/JU
 Sample : SSTD01041
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD010426

Quant Time: Aug 05 13:20:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 13:18:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	41169	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	182289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.588	164	148059	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.325	188	343575	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	337798	20.000	ng/u1	0.00
88) Perylene-d12	24.674	264	387698	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4219	4.296	ng/uL	0.00
4) Pyridine-d5	3.832	84	30957	10.136	ng/u1	0.00
7) Phenol-d5	7.115	99	39872	10.218	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	25439	10.243	ng/u1	0.00
11) 2-Chlorophenol-d4	7.497	132	28267	11.050	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	33448	10.289	ng/u1	0.00
21) Nitrobenzene-d5	9.119	128	10930	13.248	ng/u1	0.00
24) 2-Nitrophenol-d4	9.835	143	9617	12.594	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.376	165	32995	12.130	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	48719	10.843	ng/u1	0.00
46) Dimethylphthalate-d6	13.994	166	122598	11.057	ng/u1	0.00
49) Acenaphthylene-d8	14.276	160	136405	10.422	ng/u1	0.00
54) 4-Nitrophenol-d4	14.758	143	15099	10.843	ng/u1	0.00
60) Fluorene-d10	15.580	176	111518	10.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	7146	7.888	ng/u1	0.00
73) Anthracene-d10	17.425	188	179727	10.758	ng/u1	0.00
81) Pyrene-d10	19.704	212	216386	10.620	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.457	264	218673	10.614	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.461	88	4933	4.151	ng/uL	97
5) Pyridine	3.849	79	32980	10.412	ng/u1	95
6) Benzaldehyde	7.104	77	24762	10.953	ng/u1	96
8) Phenol	7.139	94	42983	10.596	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.386	93	32198	10.345	ng/u1	91
12) 2-Chlorophenol	7.527	128	30840	11.288	ng/u1	94
13) 2-Methylphenol	8.396	108	31466	9.996	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.490	45	66166	10.114	ng/u1	97
16) Acetophenone	8.784	105	55502	10.301	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.766	70	28861	10.177	ng/u1	98
18) 4-Methylphenol	8.719	108	36049	10.325	ng/u1	97
19) Hexachloroethane	9.054	117	11383	11.011	ng/u1	96
22) Nitrobenzene	9.160	77	32131	12.763	ng/u1#	98
23) Isophorone	9.682	82	85536	10.761	ng/u1#	98
25) 2-Nitrophenol	9.870	139	12037	12.845	ng/u1	96
26) 2,4-Dimethylphenol	9.929	107	39652	11.151	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.170	93	47860	10.854	ng/u1	98
29) 2,4-Dichlorophenol	10.399	162	33751	12.154	ng/u1	96
30) Naphthalene	10.810	128	112735	10.800	ng/u1	98
32) 4-Chloroaniline	10.910	127	47665	10.850	ng/u1	99
33) Hexachlorobutadiene	11.104	225	24999	11.009	ng/u1	98
34) Caprolactam	11.656	113	11961	11.204	ng/u1	91
35) 4-Chloro-3-methylphenol	12.026	107	38646	11.544	ng/u1	100
36) 2-Methylnaphthalene	12.420	142	78976	10.904	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.637	142	80785	10.930	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.778	216	52092	10.550	ng/ul	99
40) Hexachlorocyclopentadiene	12.772	237	16142	7.283	ng/ul	88
41) 2,4,6-Trichlorophenol	13.013	196	29180	11.624	ng/ul	99
42) 2,4,5-Trichlorophenol	13.084	196	31304	11.272	ng/ul	96
43) 1,1'-Biphenyl	13.424	154	121872	10.501	ng/ul	97
44) 2-Chloronaphthalene	13.460	162	95604	10.653	ng/ul	100
45) 2-Nitroaniline	13.654	65	20059	12.415	ng/ul	94
47) Dimethylphthalate	14.041	163	123563	10.932	ng/ul	99
48) 2,6-Dinitrotoluene	14.153	165	14379	12.435	ng/ul	97
50) Acenaphthylene	14.306	152	148730	10.626	ng/ul	98
51) 3-Nitroaniline	14.476	138	17197	11.455	ng/ul#	98
52) Acenaphthene	14.652	153	110028	10.619	ng/ul	100
53) 2,4-Dinitrophenol	14.682	184	3892	6.719	ng/ul#	85
55) 4-Nitrophenol	14.770	109	13423	10.360	ng/ul	97
56) Dibenzofuran	14.987	168	148778	10.255	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	18701	11.390	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.204	232	28593	11.953	ng/ul	96
59) Diethylphthalate	15.410	149	126655	11.225	ng/ul	99
61) Fluorene	15.633	166	121294	10.536	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	62075	10.453	ng/ul	96
63) 4-Nitroaniline	15.633	138	16847	10.214	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	7404	7.174	ng/ul#	90
67) N-Nitrosodiphenylamine	15.839	169	109065	10.530	ng/ul	96
68) 4-Bromophenyl-phenylether	16.526	248	41198	10.515	ng/ul	98
69) Hexachlorobenzene	16.632	284	48822	10.920	ng/ul	97
70) Atrazine	16.791	200	42059	10.760	ng/ul	97
71) Pentachlorophenol	16.973	266	19076	8.167	ng/ul	92
72) Phenanthrene	17.366	178	211726	10.883	ng/ul	99
74) Anthracene	17.460	178	217471	10.958	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.383	216	54227	10.718	ng/ul	98
76) Pentachlorobenzene	14.905	250	54504	10.396	ng/ul	95
77) Carbazole	17.719	167	180351	10.960	ng/ul	99
78) Di-n-butylphthalate	18.306	149	207476	11.338	ng/ul	99
80) Fluoranthene	19.375	202	245305	10.660	ng/ul	100
82) Pyrene	19.734	202	264623	10.735	ng/ul	99
83) Butylbenzylphthalate	20.638	149	87485	11.848	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.472	252	87105	11.282	ng/ul#	97
85) Benzo(a)anthracene	21.555	228	268802	10.878	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.502	149	137159	11.986	ng/ul	97
87) Chrysene	21.613	228	251781	10.737	ng/ul	98
89) Di-n-octyl phthalate	22.688	149	231375	11.455	ng/ul	100
90) Benzo(b)fluoranthene	23.693	252	250812	10.643	ng/ul	98
91) Benzo(k)fluoranthene	23.758	252	259873	10.912	ng/ul	100
93) Benzo(a)pyrene	24.521	252	239835	10.837	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.175	276	301868	10.521	ng/ul	98
95) Dibenzo(a,h)anthracene	28.240	278	250469	10.870	ng/ul	97
96) Benzo(g,h,i)perylene	29.250	276	229078	10.423	ng/ul	99

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

