

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032025\
 Data File : BG064119.D
 Acq On : 20 Mar 2025 15:56
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020593

Quant Time: Mar 20 16:30:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:37:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	29959	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	144556	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	105400	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	238720	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	242667	20.000	ng/u1	0.00
88) Perylene-d12	24.476	264	251748	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	6094	8.144	ng/uL	0.00
4) Pyridine-d5	3.741	84	47963	22.310	ng/u1	0.00
7) Phenol-d5	7.025	99	60365	22.269	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.196	67	39695	23.239	ng/u1	0.00
11) 2-Chlorophenol-d4	7.396	132	46803	21.636	ng/u1	0.00
15) 4-Methylphenol-d8	8.559	113	52704	22.920	ng/u1	0.00
21) Nitrobenzene-d5	9.017	128	22854	21.079	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	24816	21.794	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	51091	22.252	ng/u1	0.00
31) 4-Chloroaniline-d4	10.780	131	73641	22.874	ng/u1	0.00
46) Dimethylphthalate-d6	13.894	166	180290	21.795	ng/u1	0.00
49) Acenaphthylene-d8	14.176	160	202392	22.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	28866	20.769	ng/u1	0.00
60) Fluorene-d10	15.474	176	157402	22.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	24212	18.807	ng/u1	0.00
73) Anthracene-d10	17.325	188	257335	21.497	ng/u1	0.00
81) Pyrene-d10	19.611	212	289586	21.630	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.264	264	289955	22.099	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	6816	8.042	ng/uL#	89
5) Pyridine	3.759	79	48227	21.637	ng/u1	97
6) Benzaldehyde	7.002	77	41279	25.902	ng/u1	93
8) Phenol	7.049	94	64038	22.651	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.284	93	47607	22.276	ng/u1	89
12) 2-Chlorophenol	7.425	128	48783	22.254	ng/u1	98
13) 2-Methylphenol	8.300	108	49314	22.486	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.383	45	112156	22.394	ng/u1	99
16) Acetophenone	8.676	105	85290	22.786	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.665	70	42655	21.392	ng/u1	95
18) 4-Methylphenol	8.623	108	56328	23.168	ng/u1	94
19) Hexachloroethane	8.947	117	20913	21.869	ng/u1	99
22) Nitrobenzene	9.052	77	61421	21.005	ng/u1#	94
23) Isophorone	9.575	82	122270	21.642	ng/u1	96
25) 2-Nitrophenol	9.769	139	26369	21.743	ng/u1#	77
26) 2,4-Dimethylphenol	9.822	107	60497	22.076	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.063	93	68932	21.645	ng/u1	95
29) 2,4-Dichlorophenol	10.292	162	48312	21.637	ng/u1	97
30) Naphthalene	10.698	128	176763	22.482	ng/u1	97
32) 4-Chloroaniline	10.803	127	70326	22.615	ng/u1	97
33) Hexachlorobutadiene	10.991	225	38225	22.362	ng/u1	95
34) Caprolactam	11.549	113	17831m	20.732	ng/u1	
35) 4-Chloro-3-methylphenol	11.926	107	60279	21.481	ng/u1	92
36) 2-Methylnaphthalene	12.307	142	125873	22.158	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.525	142	128780	22.314	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.678	216	68861	21.648	ng/ul	94
40) Hexachlorocyclopentadiene	12.666	237	39001	22.009	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.913	196	43251	21.512	ng/ul	91
42) 2,4,5-Trichlorophenol	12.983	196	47166	21.657	ng/ul	92
43) 1,1'-Biphenyl	13.318	154	177072	21.932	ng/ul	96
44) 2-Chloronaphthalene	13.359	162	134097	22.066	ng/ul	99
45) 2-Nitroaniline	13.559	65	46058	22.296	ng/ul	95
47) Dimethylphthalate	13.941	163	170195	21.770	ng/ul#	97
48) 2,6-Dinitrotoluene	14.052	165	33070	22.547	ng/ul#	94
50) Acenaphthylene	14.205	152	209578	22.181	ng/ul	99
51) 3-Nitroaniline	14.381	138	33403	22.554	ng/ul#	88
52) Acenaphthene	14.546	153	153815	22.110	ng/ul	96
53) 2,4-Dinitrophenol	14.587	184	12713	17.107	ng/ul	87
55) 4-Nitrophenol	14.687	109	32143	20.390	ng/ul	89
56) Dibenzofuran	14.881	168	214619	22.072	ng/ul	99
57) 2,4-Dinitrotoluene	14.840	165	47634	21.149	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.110	232	43640	22.137	ng/ul#	93
59) Diethylphthalate	15.310	149	186504	22.168	ng/ul	96
61) Fluorene	15.533	166	178089	22.420	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.533	204	89854	22.805	ng/ul	91
63) 4-Nitroaniline	15.539	138	35368	22.849	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.604	198	25902	18.800	ng/ul#	90
67) N-Nitrosodiphenylamine	15.739	169	152050	21.759	ng/ul	98
68) 4-Bromophenyl-phenylether	16.420	248	57713	22.077	ng/ul	96
69) Hexachlorobenzene	16.532	284	63319	21.662	ng/ul	97
70) Atrazine	16.691	200	65112	23.435	ng/ul	96
71) Pentachlorophenol	16.879	266	32739	18.716	ng/ul	97
72) Phenanthrene	17.266	178	294024	22.036	ng/ul	99
74) Anthracene	17.360	178	303140	22.195	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.283	216	69447	20.934	ng/ul	97
76) Pentachlorobenzene	14.804	250	77203	22.280	ng/ul	95
77) Carbazole	17.625	167	261224	22.055	ng/ul	98
78) Di-n-butylphthalate	18.201	149	317465	20.960	ng/ul	99
80) Fluoranthene	19.276	202	332830	20.983	ng/ul	99
82) Pyrene	19.640	202	359664	21.382	ng/ul	98
83) Butylbenzylphthalate	20.539	149	136574	20.390	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.361	252	114718	23.964	ng/ul	98
85) Benzo(a)anthracene	21.438	228	360707	21.452	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	210307	20.928	ng/ul	97
87) Chrysene	21.503	228	337176	21.092	ng/ul	98
89) Di-n-octyl phthalate	22.519	149	355013	21.526	ng/ul	100
90) Benzo(b)fluoranthene	23.524	252	347222	22.326	ng/ul	99
91) Benzo(k)fluoranthene	23.582	252	346714	21.855	ng/ul	99
93) Benzo(a)pyrene	24.329	252	322845	21.988	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.860	276	397401	21.623	ng/ul	98
95) Dibenzo(a,h)anthracene	27.930	278	322904	22.056	ng/ul	98
96) Benzo(g,h,i)perylene	28.923	276	309007	21.685	ng/ul	96

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

