

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032125\
 Data File : BG064121.D
 Acq On : 21 Mar 2025 8:35
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020594

Quant Time: Mar 21 11:02:25 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	7.858	152	30774	20.000	ng/u1	0.00
20) Naphthalene-d8	10.649	136	142158	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	105426	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	242838	20.000	ng/u1	0.00
79) Chrysene-d12	21.460	240	242262	20.000	ng/u1	0.00
88) Perylene-d12	24.468	264	251181	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	5839	7.596	ng/uL	0.00
4) Pyridine-d5	3.740	84	48517	21.970	ng/u1	0.00
7) Phenol-d5	7.024	99	60767	21.824	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.194	67	36918	21.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.394	132	46713	21.022	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	50831	21.520	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	24553	23.028	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	23366	20.867	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.267	165	49772	22.043	ng/u1	0.00
31) 4-Chloroaniline-d4	10.778	131	73671	23.270	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	183022	22.120	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	201837	21.936	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	30298	21.794	ng/u1	0.00
60) Fluorene-d10	15.479	176	159129	22.312	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	23008	17.569	ng/u1	0.00
73) Anthracene-d10	17.324	188	260110	21.360	ng/u1	0.00
81) Pyrene-d10	19.609	212	289939	21.693	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.269	264	292122	22.315	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	7420	8.523	ng/uL	90
5) Pyridine	3.757	79	48820	21.323	ng/u1	97
6) Benzaldehyde	7.001	77	42423	25.915	ng/u1	93
8) Phenol	7.048	94	61887	21.310	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.283	93	50037	22.793	ng/u1	94
12) 2-Chlorophenol	7.429	128	49014	21.767	ng/u1	96
13) 2-Methylphenol	8.299	108	48398	21.484	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	112008	21.773	ng/u1	97
16) Acetophenone	8.675	105	83879	21.815	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.663	70	41075	20.054	ng/u1	95
18) 4-Methylphenol	8.622	108	53010	21.226	ng/u1	93
19) Hexachloroethane	8.945	117	20510	20.880	ng/u1	93
22) Nitrobenzene	9.051	77	60488	21.035	ng/u1	96
23) Isophorone	9.574	82	119124	21.441	ng/u1	97
25) 2-Nitrophenol	9.762	139	25685	21.536	ng/u1#	85
26) 2,4-Dimethylphenol	9.821	107	59088	21.925	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.062	93	68482	21.867	ng/u1	97
29) 2,4-Dichlorophenol	10.291	162	46867	21.344	ng/u1	95
30) Naphthalene	10.696	128	174972	22.630	ng/u1	97
32) 4-Chloroaniline	10.802	127	70172	22.946	ng/u1	94
33) Hexachlorobutadiene	10.990	225	36082	21.464	ng/u1	92
34) Caprolactam	11.542	113	18378	21.729	ng/u1	94
35) 4-Chloro-3-methylphenol	11.924	107	62714	22.725	ng/u1#	96
36) 2-Methylnaphthalene	12.306	142	127699	22.858	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.529	142	131656	23.198	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.676	216	70843	22.266	ng/ul	99
40) Hexachlorocyclopentadiene	12.665	237	36518	20.603	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.911	196	42910	21.337	ng/ul	87
42) 2,4,5-Trichlorophenol	12.982	196	45575	20.922	ng/ul	92
43) 1,1'-Biphenyl	13.317	154	177838	22.022	ng/ul#	91
44) 2-Chloronaphthalene	13.358	162	132750	21.839	ng/ul	97
45) 2-Nitroaniline	13.558	65	45342	21.944	ng/ul	89
47) Dimethylphthalate	13.939	163	169593	21.688	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	32065	21.856	ng/ul	96
50) Acenaphthylene	14.204	152	205093	21.701	ng/ul	98
51) 3-Nitroaniline	14.380	138	33406	22.551	ng/ul	96
52) Acenaphthene	14.551	153	154855	22.254	ng/ul	97
53) 2,4-Dinitrophenol	14.586	184	12539	16.869	ng/ul#	76
55) 4-Nitrophenol	14.686	109	33692	21.367	ng/ul	96
56) Dibenzofuran	14.880	168	217737	22.387	ng/ul	97
57) 2,4-Dinitrotoluene	14.838	165	49352	21.906	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.109	232	43105	21.861	ng/ul#	94
59) Diethylphthalate	15.308	149	185884	22.088	ng/ul	99
61) Fluorene	15.532	166	178313	22.442	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.532	204	88028	22.336	ng/ul	93
63) 4-Nitroaniline	15.544	138	36225	23.397	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.602	198	25889	18.472	ng/ul#	94
67) N-Nitrosodiphenylamine	15.737	169	153817	21.639	ng/ul	98
68) 4-Bromophenyl-phenylether	16.419	248	59218	22.268	ng/ul	96
69) Hexachlorobenzene	16.531	284	65433	22.005	ng/ul	94
70) Atrazine	16.689	200	64598	22.856	ng/ul	96
71) Pentachlorophenol	16.877	266	34530	19.405	ng/ul	88
72) Phenanthrene	17.265	178	294865	21.724	ng/ul	99
74) Anthracene	17.359	178	300321	21.616	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	69094	20.474	ng/ul	92
76) Pentachlorobenzene	14.803	250	75868	21.523	ng/ul	94
77) Carbazole	17.623	167	263351	21.857	ng/ul	99
78) Di-n-butylphthalate	18.199	149	320878	20.826	ng/ul	100
80) Fluoranthene	19.274	202	339062	21.412	ng/ul	99
82) Pyrene	19.639	202	360210	21.451	ng/ul	98
83) Butylbenzylphthalate	20.538	149	137970	20.633	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.360	252	111089	23.244	ng/ul	96
85) Benzo(a)anthracene	21.437	228	356409	21.232	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	208698	20.803	ng/ul	99
87) Chrysene	21.501	228	343384	21.517	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	355595	21.610	ng/ul	100
90) Benzo(b)fluoranthene	23.522	252	341700	22.021	ng/ul	99
91) Benzo(k)fluoranthene	23.581	252	347189	21.935	ng/ul	98
93) Benzo(a)pyrene	24.333	252	325359	22.209	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.864	276	398873	21.752	ng/ul	97
95) Dibenzo(a,h)anthracene	27.923	278	321907	22.038	ng/ul	97
96) Benzo(g,h,i)perylene	28.928	276	312842	22.004	ng/ul	97

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

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