

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
 Data File : BG062500.D
 Acq On : 21 Aug 2024 9:10
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020466

Quant Time: Aug 21 09:44:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	65489	20.000	ng/u1	0.00
20) Naphthalene-d8	10.737	136	312722	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.561	164	220026	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	449256	20.000	ng/u1	0.00
79) Chrysene-d12	21.546	240	431004	20.000	ng/u1	0.00
88) Perylene-d12	24.624	264	504955	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	9903	5.741	ng/uL	0.00
4) Pyridine-d5	3.811	84	85148	16.200	ng/u1	0.00
7) Phenol-d5	7.101	99	144595	22.195	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.271	67	83240	20.284	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	103220	23.194	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	103912	19.028	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	46693	23.283	ng/u1	0.00
24) 2-Nitrophenol-d4	9.815	143	53314	26.724	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	109165	21.483	ng/u1	0.00
31) 4-Chloroaniline-d4	10.866	131	143035	17.750	ng/u1	0.00
46) Dimethylphthalate-d6	13.968	166	293486	17.148	ng/u1	0.00
49) Acenaphthylene-d8	14.256	160	342268	18.062	ng/u1	0.00
54) 4-Nitrophenol-d4	14.749	143	48252	17.673	ng/u1	0.00
60) Fluorene-d10	15.554	176	266398	17.258	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	43728	21.422	ng/u1	0.00
73) Anthracene-d10	17.398	188	397551	18.421	ng/u1	0.00
81) Pyrene-d10	19.684	212	473050	18.741	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.407	264	490459	18.302	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.441	88	12102	6.573	ng/uL	87
5) Pyridine	3.829	79	89307	16.148	ng/u1	92
6) Benzaldehyde	7.077	77	85753	25.391	ng/u1	93
8) Phenol	7.130	94	152968	22.376	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.359	93	103513	20.464	ng/u1	99
12) 2-Chlorophenol	7.506	128	107797	23.417	ng/u1	99
13) 2-Methylphenol	8.375	108	98869	19.219	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.458	45	191367	18.328	ng/u1	98
16) Acetophenone	8.757	105	157066	17.558	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.745	70	82685	17.516	ng/u1	96
18) 4-Methylphenol	8.704	108	111417	18.909	ng/u1	98
19) Hexachloroethane	9.022	117	35936	19.620	ng/u1	99
22) Nitrobenzene	9.133	77	120341	21.244	ng/u1	99
23) Isophorone	9.656	82	236201	17.656	ng/u1	100
25) 2-Nitrophenol	9.844	139	58146	26.088	ng/u1	97
26) 2,4-Dimethylphenol	9.909	107	126341	20.786	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.144	93	139872	18.796	ng/u1	96
29) 2,4-Dichlorophenol	10.379	162	111023	21.277	ng/u1	95
30) Naphthalene	10.784	128	339445	18.715	ng/u1	99
32) 4-Chloroaniline	10.884	127	137636	17.569	ng/u1	100
33) Hexachlorobutadiene	11.072	225	76409	19.264	ng/u1	97
34) Caprolactam	11.642	113	31785	15.103	ng/u1	89
35) 4-Chloro-3-methylphenol	12.012	107	115026	18.839	ng/u1	98
36) 2-Methylnaphthalene	12.388	142	233019	18.193	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.611	142	232898	17.821	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.758	216	144438	19.658	ng/ul	96
40) Hexachlorocyclopentadiene	12.740	237	65069	17.277	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	90021	21.299	ng/ul	95
42) 2,4,5-Trichlorophenol	13.063	196	94928	21.392	ng/ul	97
43) 1,1'-Biphenyl	13.398	154	317425	19.043	ng/ul	97
44) 2-Chloronaphthalene	13.439	162	247038	19.152	ng/ul	98
45) 2-Nitroaniline	13.639	65	76360	22.856	ng/ul	95
47) Dimethylphthalate	14.015	163	298686	17.214	ng/ul	99
48) 2,6-Dinitrotoluene	14.132	165	57249	23.101	ng/ul#	88
50) Acenaphthylene	14.285	152	370484	18.260	ng/ul	99
51) 3-Nitroaniline	14.461	138	56540	20.024	ng/ul	96
52) Acenaphthene	14.626	153	276127	18.185	ng/ul	98
53) 2,4-Dinitrophenol	14.661	184	29614	18.945	ng/ul	91
55) 4-Nitrophenol	14.767	109	40230	17.166	ng/ul	99
56) Dibenzofuran	14.961	168	378450	17.718	ng/ul	96
57) 2,4-Dinitrotoluene	14.914	165	82884	21.972	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.184	232	82043	19.230	ng/ul#	98
59) Diethylphthalate	15.384	149	285966	16.514	ng/ul	98
61) Fluorene	15.607	166	288563	17.140	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.601	204	150201	17.361	ng/ul	97
63) 4-Nitroaniline	15.619	138	52963	17.945	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.677	198	50248	21.847	ng/ul#	96
67) N-Nitrosodiphenylamine	15.812	169	252149	19.361	ng/ul	98
68) 4-Bromophenyl-phenylether	16.494	248	99078	19.651	ng/ul	95
69) Hexachlorobenzene	16.611	284	112725	19.190	ng/ul	99
70) Atrazine	16.764	200	96542	17.778	ng/ul	97
71) Pentachlorophenol	16.952	266	67410	19.665	ng/ul	98
72) Phenanthrene	17.346	178	468035	18.540	ng/ul	99
74) Anthracene	17.434	178	471636	18.238	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	142820	22.239	ng/ul	100
76) Pentachlorobenzene	14.878	250	139111	20.649	ng/ul	96
77) Carbazole	17.698	167	385113	17.729	ng/ul	99
78) Di-n-butylphthalate	18.268	149	468140	18.015	ng/ul	99
80) Fluoranthene	19.355	202	535011	18.973	ng/ul	100
82) Pyrene	19.713	202	570385	18.767	ng/ul	99
83) Butylbenzylphthalate	20.606	149	205133	20.037	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.440	252	197246	20.968	ng/ul#	99
85) Benzo(a)anthracene	21.522	228	584430	18.682	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.446	149	301634	20.166	ng/ul	98
87) Chrysene	21.587	228	554799	18.707	ng/ul	97
89) Di-n-octyl phthalate	22.609	149	519792	19.301	ng/ul	100
90) Benzo(b)fluoranthene	23.649	252	553613	18.149	ng/ul	98
91) Benzo(k)fluoranthene	23.713	252	560778	18.213	ng/ul	98
93) Benzo(a)pyrene	24.477	252	524076	18.224	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.102	276	686759	18.789	ng/ul	99
95) Dibenzo(a,h)anthracene	28.160	278	552544	18.650	ng/ul	98
96) Benzo(g,h,i)perylene	29.183	276	525466	18.693	ng/ul	98

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

