

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
 Data File : BG060464.D
 Acq On : 29 Jan 2024 16:18
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020481

Quant Time: Jan 29 16:52:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 06:06:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	143409	20.000	ng/u1	0.00
20) Naphthalene-d8	10.726	136	651581	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.562	164	515289	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.312	188	1309051	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	1244093	20.000	ng/u1	0.00
88) Perylene-d12	24.733	264	1370708	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	26464	9.247	ng/uL	0.00
4) Pyridine-d5	3.775	84	198795	21.959	ng/u1	0.00
7) Phenol-d5	7.089	99	270183	19.837	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.253	67	166396	19.442	ng/u1	0.00
11) 2-Chlorophenol-d4	7.459	132	178456	19.621	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	192312	17.142	ng/u1	0.00
21) Nitrobenzene-d5	9.086	128	89876	18.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.809	143	106550	18.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	227680	19.495	ng/u1	0.00
31) 4-Chloroaniline-d4	10.861	131	279974	18.274	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	748917	17.762	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	868250	18.357	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	99876	16.538	ng/u1	0.00
60) Fluorene-d10	15.555	176	683993	18.513	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	126527	15.609	ng/u1	0.00
73) Anthracene-d10	17.406	188	1179255	19.004	ng/u1	0.00
81) Pyrene-d10	19.703	212	1407428	18.875	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.521	264	1310194	18.221	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	28713	9.068	ng/uL#	83
5) Pyridine	3.793	79	202578	22.010	ng/u1	93
6) Benzaldehyde	7.065	77	133281	25.744	ng/u1	96
8) Phenol	7.112	94	276869	19.447	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.341	93	218023	19.227	ng/u1	98
12) 2-Chlorophenol	7.488	128	183085	19.514	ng/u1	91
13) 2-Methylphenol	8.364	108	190214	17.289	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.446	45	271970	18.174	ng/u1	98
16) Acetophenone	8.746	105	329170	18.411	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.728	70	178590	18.524	ng/u1	98
18) 4-Methylphenol	8.693	108	207985	17.582	ng/u1	96
19) Hexachloroethane	9.004	117	77469	18.676	ng/u1	96
22) Nitrobenzene	9.127	77	250171	19.027	ng/u1	95
23) Isophorone	9.644	82	530904	18.624	ng/u1	98
25) 2-Nitrophenol	9.844	139	108044	18.927	ng/u1	95
26) 2,4-Dimethylphenol	9.897	107	219465	18.631	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.132	93	309838	19.094	ng/u1	99
29) 2,4-Dichlorophenol	10.373	162	220053	19.602	ng/u1	92
30) Naphthalene	10.778	128	643760	18.310	ng/u1	99
32) 4-Chloroaniline	10.890	127	265637	17.672	ng/u1	95
33) Hexachlorobutadiene	11.060	225	175004	18.774	ng/u1	93
34) Caprolactam	11.636	113	69430	18.578	ng/u1	95
35) 4-Chloro-3-methylphenol	12.012	107	226093	20.088	ng/u1	99
36) 2-Methylnaphthalene	12.388	142	479516	19.401	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.606	142	470758	18.845	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.753	216	340249	18.143	ng/ul	96
40) Hexachlorocyclopentadiene	12.729	237	193278	17.043	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	213359	18.663	ng/ul	97
42) 2,4,5-Trichlorophenol	13.064	196	222550	18.423	ng/ul	94
43) 1,1'-Biphenyl	13.393	154	696426	18.245	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	599491	18.602	ng/ul	97
45) 2-Nitroaniline	13.646	65	149607	18.443	ng/ul	92
47) Dimethylphthalate	14.010	163	760532	18.070	ng/ul	98
48) 2,6-Dinitrotoluene	14.133	165	150253	18.930	ng/ul	95
50) Acenaphthylene	14.286	152	960838	18.414	ng/ul	97
51) 3-Nitroaniline	14.468	138	127789	19.152	ng/ul	98
52) Acenaphthene	14.627	153	619834	17.808	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	74978	17.307	ng/ul	98
55) 4-Nitrophenol	14.774	109	73304	17.828	ng/ul	92
56) Dibenzofuran	14.962	168	901235	18.341	ng/ul	99
57) 2,4-Dinitrotoluene	14.921	165	213366	18.344	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.185	232	205970	18.346	ng/ul#	99
59) Diethylphthalate	15.373	149	722152	17.845	ng/ul	97
61) Fluorene	15.608	166	759612	18.843	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.602	204	415617	18.678	ng/ul	96
63) 4-Nitroaniline	15.632	138	125005	19.124	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.684	198	131159	15.469	ng/ul#	92
67) N-Nitrosodiphenylamine	15.814	169	641143	18.057	ng/ul	95
68) 4-Bromophenyl-phenylether	16.495	248	274097	18.023	ng/ul	98
69) Hexachlorobenzene	16.613	284	323251	18.324	ng/ul	97
70) Atrazine	16.766	200	260626	17.856	ng/ul	98
71) Pentachlorophenol	16.959	266	191687	19.729	ng/ul	98
72) Phenanthrene	17.353	178	1304665	18.956	ng/ul	99
74) Anthracene	17.441	178	1333030	19.007	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.364	216	345692	18.209	ng/uL	97
76) Pentachlorobenzene	14.880	250	358794	17.991	ng/uL	96
77) Carbazole	17.717	167	1123512	19.396	ng/ul	98
78) Di-n-butylphthalate	18.270	149	1297006	18.993	ng/ul	99
80) Fluoranthene	19.368	202	1576879	18.951	ng/ul	99
82) Pyrene	19.733	202	1647622	19.026	ng/ul	98
83) Butylbenzylphthalate	20.614	149	538669	17.451	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.472	252	551934	19.229	ng/ul	98
85) Benzo(a)anthracene	21.554	228	1621308	18.899	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.460	149	824214	17.889	ng/ul	98
87) Chrysene	21.619	228	1541428	19.128	ng/ul	99
89) Di-n-octyl phthalate	22.647	149	1414732	19.340	ng/ul	100
90) Benzo(b)fluoranthene	23.728	252	1607459	18.898	ng/ul	99
91) Benzo(k)fluoranthene	23.793	252	1573232	18.112	ng/ul	98
93) Benzo(a)pyrene	24.586	252	1491978	18.233	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.334	276	1805746	18.002	ng/ul	99
95) Dibenzo(a,h)anthracene	28.393	278	1484933	18.145	ng/ul	99
96) Benzo(g,h,i)perylene	29.462	276	1465406	18.044	ng/ul	97

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

