Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058146.D
Acq On : 10 Jul 2023 17:47
Operator : CG/JU
Sample : 03385-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX7Y2MS

Quant Time: Jul 11 00:46:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	61163	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	281130	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.605	164	199950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.343	188	459211	20.000	ng/ul	0.00
79) Chrysene-d12	21.602	240	382608	20.000	ng/ul	0.00
88) Perylene-d12	24.799	264	472211	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.400	96	3195	1.829	ng/uL	0.00
4) Pyridine-d5	3.812	84	56608	10.675	ng/ul	0.00
7) Phenol-d5	7.137	99	86923	13.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	52867	14.045	ng/ul	0.00
11) 2-Chlorophenol-d4	7.507	132	63808	14.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.682	113	68625	14.560	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	33818	14.759	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	35970	14.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	75718	16.390	ng/ul	0.00
31) 4-Chloroaniline-d4	10.915	131	89321	12.753	ng/ul	0.00
46) Dimethylphthalate-d6	14.005	166	221568	14.044	ng/ul	0.00
49) Acenaphthylene-d8	14.299	160	255757	14.856	ng/ul	0.00
54) 4-Nitrophenol-d4	14.799	143	12573	4.511	ng/ul	0.00
60) Fluorene-d10	15.592	176	196151	14.640	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	7076	2.838	ng/ul	0.00
73) Anthracene-d10	17.443	188	307095	14.412	ng/ul	0.00
81) Pyrene-d10	19.728	212	348036	14.443	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.575	264	370293	15.392	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	15688	7.270	ng/uL#	96
5) Pyridine	3.829	79	105621	19.440	ng/ul	98
6) Benzaldehyde	7.114	77	80493	38.587	ng/ul	94
8) Phenol	7.161	94	167598	26.441	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.390	93	116463	23.796	ng/ul	98
12) 2-Chlorophenol	7.537	128	113506	25.319	ng/ul	96
13) 2-Methylphenol	8.418	108	124154	24.940	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.500	45	179750	23.859	ng/ul	99
16) Acetophenone	8.794	105	192930	24.672	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.776	70	98618	23.591	ng/ul	97
18) 4-Methylphenol	8.741	108	139924	25.995	ng/ul	98
19) Hexachloroethane	9.052	117	41127	23.931	ng/ul	97
22) Nitrobenzene	9.176	77	145481	24.458	ng/ul	99
23) Isophorone	9.699	82	296537	23.363	ng/ul	100
25) 2-Nitrophenol	9.887	139	68975	26.693	ng/ul	95
26) 2,4-Dimethylphenol	9.945	107	112511	19.363	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	168487	23.557	ng/ul	98
29) 2,4-Dichlorophenol	10.427	162	118920	26.476	ng/ul	94
30) Naphthalene	10.833	128	383033	24.244	ng/ul	100
32) 4-Chloroaniline	10.938	127	129808	18.125	ng/ul	99
33) Hexachlorobutadiene	11.109	225	77101	24.246	ng/ul	96
34) Caprolactam	11.702	113	42606	23.594	ng/ul	94
35) 4-Chloro-3-methylphenol	12.061	107	146135	26.486	ng/ul	99
36) 2-Methylnaphthalene	12.431	142	265489	24.928	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.654	142	266965	24.997	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.801	216	156402	25.668	ng/ul	98
40) Hexachlorocyclopentadiene	12.777	237	35039	9.129	ng/ul	94
41) 2,4,6-Trichlorophenol	13.042	196	107109	25.935	ng/ul	98
42) 2,4,5-Trichlorophenol	13.112	196	113803	25.480	ng/ul	99
43) 1,1'-Biphenyl	13.436	154	352878	24.490	ng/ul	100
44) 2-Chloronaphthalene	13.483	162	287175	24.833	ng/ul	99
45) 2-Nitroaniline	13.682	65	102851	25.580	ng/ul	98
47) Dimethylphthalate	14.052	163	370996	23.407	ng/ul	100
48) 2,6-Dinitrotoluene	14.176	165	82231	25.275	ng/ul	95
50) Acenaphthylene	14.329	152	458084	24.640	ng/ul	99
51) 3-Nitroaniline	14.511	138	79184	28.800	ng/ul	97
52) Acenaphthene	14.669	153	314465	24.651	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	34797	20.515	ng/ul	90
55) 4-Nitrophenol	14.816	109	46241	22.395	ng/ul	86
56) Dibenzofuran	14.998	168	444219	24.496	ng/ul	100
57) 2,4-Dinitrotoluene	14.963	165	112659	24.440	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.228	232	98501	24.226	ng/ul#	98
59) Diethylphthalate	15.410	149	377734	22.833	ng/ul	99
61) Fluorene	15.651	166	361226	24.277	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	192513	24.452	ng/ul	98
63) 4-Nitroaniline	15.668	138	79637	32.334	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.727	198	55779	21.874	ng/ul	98
67) N-Nitrosodiphenylamine	15.850	169	307294	25.145	ng/ul	99
68) 4-Bromophenyl-phenylether	16.532	248	130951	25.979	ng/ul	99
69) Hexachlorobenzene	16.649	284	141606	25.092	ng/ul	100
70) Atrazine	16.796	200	85475	17.103	ng/ul	94
71) Pentachlorophenol	16.996	266	74195	21.899	ng/ul	96
72) Phenanthrene	17.390	178	565877	24.226	ng/ul	100
74) Anthracene	17.478	178	562642	23.803	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.406	216	165957	27.250	ng/uL	99
76) Pentachlorobenzene	14.922	250	387951	59.645	ng/uL	98
77) Carbazole	17.748	167	522575	24.444	ng/ul	99
78) Di-n-butylphthalate	18.300	149	646800	23.751	ng/ul	99
80) Fluoranthene	19.399	202	669542	23.979	ng/ul	99
82) Pyrene	19.758	202	673473	23.961	ng/ul	98
83) Butylbenzylphthalate	20.639	149	283921	24.911	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.503	252	252651	27.276	ng/ul	100
85) Benzo(a)anthracene	21.585	228	672105	24.465	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.479	149	410595	25.140	ng/ul	98
87) Chrysene	21.649	228	643610	24.992	ng/ul	99
89) Di-n-octyl phthalate	22.678	149	730992	25.195	ng/ul	100
90) Benzo(b)fluoranthene	23.782	252	695878	23.800	ng/ul	99
91) Benzo(k)fluoranthene	23.853	252	710388	24.788	ng/ul	98
93) Benzo(a)pyrene	24.646	252	637642	24.640	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.447	276	841181	24.478	ng/ul	99
95) Dibenzo(a,h)anthracene	28.506	278	719795	25.401	ng/ul	99
96) Benzo(g,h,i)perylene	29.593	276	622170	22.166	ng/ul	99

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

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