Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050441.D
Acq On : 5 Oct 2021 11:28
Operator : CG/JU
Sample : M3879-12MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW411MSD

Quant Time: Oct 05 12:09:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	64405	20.00	ng/ul	-0.01
20) Naphthalene-d8	11.091	136	275134	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.886	164	173933	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.624	188	373505	20.00	ng/ul	-0.01
79) Chrysene-d12	21.931	240	341187	20.00	ng/ul	-0.02
88) Perylene-d12	25.351	264	341535	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	2680	1.53	ng/uL	0.00
4) Pyridine-d5	4.064	84	18952	3.63	ng/ul	0.00
7) Phenol-d5	7.395	99	52858	9.39	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	37030	10.46	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	38388	9.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	35209	8.27	ng/ul	0.00
21) Nitrobenzene-d5	9.434	128	20114	10.45	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	21704	10.51	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.697	165	39648	9.72	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.214	131	48302	8.29	ng/ul	-0.01
46) Dimethylphthalate-d6	14.275	166	127558	10.72	ng/ul	-0.02
49) Acenaphthylene-d8	14.581	160	157963	10.57	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.045	143	17252	7.52	ng/ul	-0.01
60) Fluorene-d10	15.874	176	113384	10.57	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.973	200	16816	9.03	ng/ul	-0.01
73) Anthracene-d10	17.724	188	170463	10.80	ng/ul	-0.01
81) Pyrene-d10	19.998	212	207938	11.46	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.110	264	179043	10.43	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	8392	3.96	ng/uL	95
5) Pyridine	4.081	79	38329	7.24	ng/ul	96
6) Benzaldehyde	7.395	77	52123	14.05	ng/ul	98
8) Phenol	7.425	94	73072	12.67	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.677	93	55710	12.88	ng/ul	99
12) 2-Chlorophenol	7.824	128	50535	12.53	ng/ul#	86
13) 2-Methylphenol	8.694	108	50844	11.96	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.782	45	88560	13.64	ng/ul	98
16) Acetophenone	9.093	105	88054	13.01	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.070	70	52514	12.91	ng/ul#	98
18) 4-Methylphenol	9.017	108	53694	11.93	ng/ul	97
19) Hexachloroethane	9.363	117	21283	12.28	ng/ul	97
22) Nitrobenzene	9.481	77	75317	13.06	ng/ul	96
23) Isophorone	9.998	82	137077	12.36	ng/ul	97
25) 2-Nitrophenol	10.192	139	27767	13.08	ng/ul	99
26) 2,4-Dimethylphenol	10.233	107	39026	7.41	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.480	93	74028	12.37	ng/ul	97
29) 2,4-Dichlorophenol	10.727	162	49535	12.27	ng/ul	92
30) Naphthalene	11.144	128	169193	11.98	ng/ul	99
32) 4-Chloroaniline	11.244	127	65793	11.21	ng/ul	99
33) Hexachlorobutadiene	11.420	225	33474	11.41	ng/ul	97
34) Caprolactam	11.996	113	15996	10.25	ng/ul	89
35) 4-Chloro-3-methylphenol	12.336	107	59500	12.50	ng/ul	98
36) 2-Methylnaphthalene	12.730	142	120550	12.55	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	114692	11.86	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.089	216	63361	12.62	ng/ul	99
40) Hexachlorocyclopentadiene	13.065	237	22025	6.62	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.318	196	42044	13.29	ng/ul	98
42) 2,4,5-Trichlorophenol	13.388	196	45170	13.05	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	154106	13.17	ng/ul	96
44) 2-Chloronaphthalene	13.770	162	119812	13.07	ng/ul	98
45) 2-Nitroaniline	13.964	65	46778	15.58	ng/ul	98
47) Dimethylphthalate	14.322	163	157266	13.13	ng/ul	97
48) 2,6-Dinitrotoluene	14.452	165	30932	13.73	ng/ul	92
50) Acenaphthylene	14.610	152	184439	12.16	ng/ul	99
51) 3-Nitroaniline	14.781	138	33755	13.77	ng/ul	95
52) Acenaphthene	14.945	153	131116	13.08	ng/ul	97
53) 2,4-Dinitrophenol	14.980	184	14736	10.49	ng/ul#	87
55) 4-Nitrophenol	15.063	109	28437	12.54	ng/ul	92
56) Dibenzofuran	15.280	168	188877	12.96	ng/ul	98
57) 2,4-Dinitrotoluene	15.233	165	44580	13.63	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.497	232	37869	12.72	ng/ul	96
59) Diethylphthalate	15.680	149	165878	13.27	ng/ul	98
61) Fluorene	15.926	166	147856	12.75	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.915	204	78054	12.43	ng/ul	99
63) 4-Nitroaniline	15.932	138	34570	13.97	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.991	198	23146	12.57	ng/ul	93
67) N-Nitrosodiphenylamine	16.120	169	133045	14.09	ng/ul	95
68) 4-Bromophenyl-phenylether	16.808	248	46855	13.47	ng/ul	94
69) Hexachlorobenzene	16.925	284	47745	13.04	ng/ul	97
70) Atrazine	17.060	200	53790	13.38	ng/ul	96
71) Pentachlorophenol	17.266	266	26927	11.23	ng/ul	96
72) Phenanthrene	17.671	178	251618	13.50	ng/ul	99
74) Anthracene	17.760	178	248358	13.45	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.688	216	66793	13.56	ng/uL	98
76) Pentachlorobenzene	15.198	250	58158	12.93	ng/uL	97
77) Carbazole	18.024	167	235515	14.25	ng/ul	99
78) Di-n-butylphthalate	18.564	149	288489	14.73	ng/ul	99
80) Fluoranthene	19.663	202	320039	14.05	ng/ul	99
82) Pyrene	20.027	202	319833	14.24	ng/ul	97
83) Butylbenzylphthalate	20.897	149	128332	15.50	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.814	252	89496	12.73	ng/ul	98
85) Benzo(a)anthracene	21.908	228	291535	14.17	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.790	149	190290	15.99	ng/ul	98
87) Chrysene	21.978	228	279282	14.17	ng/ul	99
89) Di-n-octyl phthalate	23.077	149	324654	16.54	ng/ul	100
90) Benzo(b)fluoranthene	24.252	252	288834	13.88	ng/ul	98
91) Benzo(k)fluoranthene	24.328	252	284108	14.68	ng/ul	98
93) Benzo(a)pyrene	25.186	252	251176	12.65	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.275	276	312952	14.04	ng/ul	96
95) Dibenzo(a,h)anthracene	29.352	278	259254	13.67	ng/ul	99
96) Benzo(g,h,i)perylene	30.503	276	229795	12.23	ng/ul	96

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

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