Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
Data File : BG051909.D
Acq On : 7 Jan 2022 11:06
Operator : CG/JU
Sample : PB141867BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS867

Quant Time: Jan 07 22:51:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	22096	20.000	ng/ul	0.00
20) Naphthalene-d8	11.090	136	97264	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.891	164	73850	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.640	188	200061	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.958	240	211322	20.000	ng/ul	# 0.00
88) Perylene-d12	25.447	264	220528	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.571	96	3610	5.838	ng/uL	0.00
4) Pyridine-d5	4.000	84	61712	32.104	ng/ul	0.00
7) Phenol-d5	7.389	99	69190	31.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	41657	30.344	ng/ul	0.00
11) 2-Chlorophenol-d4	7.777	132	45733	31.940	ng/ul	0.00
15) 4-Methylphenol-d8	8.952	113	54937	32.679	ng/ul	0.00
21) Nitrobenzene-d5	9.422	128	24687	32.121	ng/ul	0.00
24) 2-Nitrophenol-d4	10.156	143	27165	31.959	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	55683	33.515	ng/ul	0.00
31) 4-Chloroaniline-d4	11.214	131	67353	29.110	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	188082	30.812	ng/ul	0.00
49) Acenaphthylene-d8	14.586	160	230190	31.218	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	31874	31.231	ng/ul	0.00
60) Fluorene-d10	15.878	176	166847	31.349	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.984	200	19872	15.745	ng/ul	0.00
73) Anthracene-d10	17.740	188	298417	31.444	ng/ul	0.00
81) Pyrene-d10	20.019	212	401366	33.002	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.206	264	384746	33.140	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	7845	10.995	ng/uL#	88
5) Pyridine	4.023	79	64046	31.802	ng/ul	98
6) Benzaldehyde	7.372	77	40573	28.203	ng/ul	96
8) Phenol	7.413	94	68349	30.964	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.648	93	48026	29.723	ng/ul	97
12) 2-Chlorophenol	7.806	128	45794	31.439	ng/ul	92
13) 2-Methylphenol	8.688	108	51794	32.267	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.776	45	72868	29.566	ng/ul#	94
16) Acetophenone	9.075	105	77249	29.115	ng/ul	91
17) N-Nitroso-di-n-propyla...	9.052	70	48218	29.747	ng/ul	90
18) 4-Methylphenol	9.017	108	54703	31.461	ng/ul	94
19) Hexachloroethane	9.351	117	17942	28.531	ng/ul#	81
22) Nitrobenzene	9.463	77	69784	29.274	ng/ul#	95
23) Isophorone	9.992	82	131422	29.160	ng/ul#	98
25) 2-Nitrophenol	10.186	139	28207	30.195	ng/ul	89
26) 2,4-Dimethylphenol	10.238	107	61249	30.217	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.468	93	65952	28.422	ng/ul	97
29) 2,4-Dichlorophenol	10.726	162	49837	30.543	ng/ul	97
30) Naphthalene	11.137	128	153612	29.145	ng/ul	97
32) 4-Chloroaniline	11.237	127	62783	26.626	ng/ul	98
33) Hexachlorobutadiene	11.425	225	37369	28.731	ng/ul	96
34) Caprolactam	11.989	113	22470	35.383	ng/ul	95
35) 4-Chloro-3-methylphenol	12.347	107	61137	32.451	ng/ul	98
36) 2-Methylnaphthalene	12.729	142	109104	29.061	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.947	142	115083	29.869	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.099	216	72593	28.425	ng/ul	97
40) Hexachlorocyclopentadiene	13.082	237	42668	24.349	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.328	196	49086	30.410	ng/ul	96
42) 2,4,5-Trichlorophenol	13.405	196	54513	31.329	ng/ul	97
43) 1,1'-Biphenyl	13.728	154	160994	28.239	ng/ul#	94
44) 2-Chloronaphthalene	13.775	162	125433	28.408	ng/ul	97
45) 2-Nitroaniline	13.963	65	53896	31.851	ng/ul	95
47) Dimethylphthalate	14.327	163	176419	29.310	ng/ul	99
48) 2,6-Dinitrotoluene	14.450	165	39323	30.985	ng/ul	97
50) Acenaphthylene	14.615	152	210340	28.969	ng/ul	97
51) 3-Nitroaniline	14.779	138	34742	30.263	ng/ul	82
52) Acenaphthene	14.956	153	138058	28.597	ng/ul	99
53) 2,4-Dinitrophenol	14.985	184	6982	9.331	ng/ul#	76
55) 4-Nitrophenol	15.085	109	33922	28.965	ng/ul	90
56) Dibenzofuran	15.285	168	204633	29.185	ng/ul	100
57) 2,4-Dinitrotoluene	15.238	165	57886	31.549	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.508	232	50890	31.531	ng/ul	88
59) Diethylphthalate	15.690	149	190565	30.687	ng/ul	98
61) Fluorene	15.937	166	172791	29.574	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.919	204	96069	29.630	ng/ul	93
63) 4-Nitroaniline	15.943	138	42010	35.618	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	16.001	198	17059	14.138	ng/ul	95
67) N-Nitrosodiphenylamine	16.131	169	157267	29.255	ng/ul	98
68) 4-Bromophenyl-phenylether	16.818	248	66667	28.465	ng/ul#	86
69) Hexachlorobenzene	16.947	284	75865	29.207	ng/ul#	91
70) Atrazine	17.076	200	75569	30.300	ng/ul	98
71) Pentachlorophenol	17.288	266	34959	24.099	ng/ul	99
72) Phenanthrene	17.681	178	311393	29.705	ng/ul	98
74) Anthracene	17.775	178	310949	29.632	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.698	216	75683	25.189	ng/uL	95
76) Pentachlorobenzene	15.208	250	79108	27.052	ng/uL	98
77) Carbazole	18.040	167	296272	31.334	ng/ul	99
78) Di-n-butylphthalate	18.580	149	347065	31.052	ng/ul	99
80) Fluoranthene	19.685	202	438508	31.200	ng/ul#	90
82) Pyrene	20.043	202	432410	31.249	ng/ul#	89
83) Butylbenzylphthalate	20.918	149	155055	32.198	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.840	252	87779	17.994	ng/ul#	96
85) Benzo(a)anthracene	21.940	228	438603	31.560	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.823	149	225392	32.003	ng/ul#	99
87) Chrysene	22.011	228	417980	31.234	ng/ul	97
89) Di-n-octyl phthalate	23.127	149	375891	30.856	ng/ul	100
90) Benzo(b)fluoranthene	24.331	252	454344	31.088	ng/ul#	95
91) Benzo(k)fluoranthene	24.408	252	427756	31.656	ng/ul#	96
93) Benzo(a)pyrene	25.283	252	435956	31.520	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.465	276	502398	31.732	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.536	278	421718	31.491	ng/ul#	94
96) Benzo(g,h,i)perylene	30.728	276	419770	31.532	ng/ul#	88

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

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