Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050896.D
Acq On : 9 Nov 2021 2:30
Operator : CG/JU
Sample : PB140481BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS481

Quant Time: Nov 09 08:14:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	35308	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	160217	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	104201	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	229224	20.000	ng/ul	-0.01
79) Chrysene-d12	21.896	240	193958	20.000	ng/ul	-0.01
88) Perylene-d12	25.292	264	195918	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	6681	6.107	ng/uL	0.00
4) Pyridine-d5	4.011	84	101113	30.896	ng/ul	0.00
7) Phenol-d5	7.372	99	119805	31.806	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	77515	31.857	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	84374	32.322	ng/ul	-0.01
15) 4-Methylphenol-d8	8.928	113	92120	31.065	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	44092	32.384	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	49284	32.554	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	82581	32.382	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	112734	29.191	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	269136	33.760	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	333302	33.558	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	46147	31.926	ng/ul	0.00
60) Fluorene-d10	15.838	176	234214	33.165	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	44361	31.921	ng/ul	0.00
73) Anthracene-d10	17.695	188	358006	33.034	ng/ul	-0.01
81) Pyrene-d10	19.969	212	416781	33.269	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.057	264	351539	32.458	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	15089	12.558	ng/uL	95
5) Pyridine	4.034	79	102109	30.141	ng/ul	98
6) Benzaldehyde	7.360	77	79078	33.285	ng/ul	96
8) Phenol	7.401	94	122176	31.355	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.636	93	93225	31.964	ng/ul	98
12) 2-Chlorophenol	7.789	128	83381	31.459	ng/ul	95
13) 2-Methylphenol	8.664	108	87437	30.359	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.752	45	140283	30.536	ng/ul	99
16) Acetophenone	9.058	105	138522	30.070	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.034	70	85469	30.751	ng/ul	98
18) 4-Methylphenol	8.993	108	94146	30.701	ng/ul	95
19) Hexachloroethane	9.322	117	35126	31.697	ng/ul	98
22) Nitrobenzene	9.446	77	120358	31.696	ng/ul	99
23) Isophorone	9.963	82	230398	31.263	ng/ul	100
25) 2-Nitrophenol	10.162	139	48884	32.185	ng/ul	98
26) 2,4-Dimethylphenol	10.203	107	102593	30.692	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.438	93	127606	32.136	ng/ul	97
29) 2,4-Dichlorophenol	10.697	162	79736	32.054	ng/ul	96
30) Naphthalene	11.102	128	276013	31.505	ng/ul	98
32) 4-Chloroaniline	11.208	127	112354	29.299	ng/ul	99
33) Hexachlorobutadiene	11.379	225	52538	32.179	ng/ul	98
34) Caprolactam	11.960	113	31822	30.133	ng/ul	96
35) 4-Chloro-3-methylphenol	12.313	107	100105	31.503	ng/ul	99
36) 2-Methylnaphthalene	12.695	142	184303	30.879	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.912	142	187023	30.924	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.053	216	99795	32.869	ng/ul	97
40) Hexachlorocyclopentadiene	13.024	237	42461	29.123	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.288	196	66002	33.222	ng/ul	97
42) 2,4,5-Trichlorophenol	13.364	196	68093	31.924	ng/ul	97
43) 1,1'-Biphenyl	13.688	154	247579	32.506	ng/ul	99
44) 2-Chloronaphthalene	13.735	162	196697	32.956	ng/ul	99
45) 2-Nitroaniline	13.934	65	78454	33.085	ng/ul	96
47) Dimethylphthalate	14.293	163	262430	32.922	ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	55354	33.179	ng/ul	100
50) Acenaphthylene	14.581	152	324819	32.631	ng/ul	98
51) 3-Nitroaniline	14.757	138	56251	32.600	ng/ul	91
52) Acenaphthene	14.916	153	213146	32.564	ng/ul	98
53) 2,4-Dinitrophenol	14.963	184	24796	26.942	ng/ul	92
55) 4-Nitrophenol	15.057	109	40990	30.921	ng/ul	96
56) Dibenzofuran	15.251	168	304327	32.482	ng/ul	99
57) 2,4-Dinitrotoluene	15.209	165	80755	33.917	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.468	232	53509	31.922	ng/ul	95
59) Diethylphthalate	15.644	149	274732	32.199	ng/ul	99
61) Fluorene	15.897	166	238779	32.200	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.879	204	125339	32.459	ng/ul	99
63) 4-Nitroaniline	15.914	138	57708	33.712	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.973	198	43535	32.123	ng/ul#	95
67) N-Nitrosodiphenylamine	16.091	169	212042	33.094	ng/ul	99
68) 4-Bromophenyl-phenylether	16.778	248	75737	33.216	ng/ul	97
69) Hexachlorobenzene	16.896	284	78653	33.554	ng/ul	96
70) Atrazine	17.031	200	84020	30.923	ng/ul	99
71) Pentachlorophenol	17.242	266	32424	30.128	ng/ul	91
72) Phenanthrene	17.642	178	404686	33.074	ng/ul	99
74) Anthracene	17.730	178	395021	32.176	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	103581	33.187	ng/uL	96
76) Pentachlorobenzene	15.168	250	91805	31.745	ng/uL	98
77) Carbazole	18.000	167	370880	33.705	ng/ul	97
78) Di-n-butylphthalate	18.529	149	471387	32.601	ng/ul	100
80) Fluoranthene	19.639	202	491588	32.697	ng/ul	99
82) Pyrene	19.998	202	476007	32.403	ng/ul	98
83) Butylbenzylphthalate	20.867	149	207692	32.878	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.778	252	146266	30.965	ng/ul	99
85) Benzo(a)anthracene	21.872	228	439523	32.733	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.743	149	298252	32.892	ng/ul	99
87) Chrysene	21.943	228	419143	32.677	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	506074	31.729	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	446921	32.021	ng/ul	99
91) Benzo(k)fluoranthene	24.275	252	409692	31.281	ng/ul	98
93) Benzo(a)pyrene	25.133	252	419465	31.555	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.187	276	469684	31.740	ng/ul	96
95) Dibenzo(a,h)anthracene	29.258	278	397690	31.763	ng/ul	98
96) Benzo(g,h,i)perylene	30.415	276	394468	31.846	ng/ul	97

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

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