Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063387.D
Acq On : 14 Nov 2024 12:21
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020535

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 14 23:43:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	125668	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.621	136	526623	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	445312	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.219	188	1109912	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.479	240	1151639	20.000	ng/ul	# 0.00
88) Perylene-d12	24.511	264	1223600	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	21085	7.587	ng/uL	0.00
4) Pyridine-d5	3.706	84	179589	19.551	ng/ul	0.00
7) Phenol-d5	7.008	99	213933	18.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	130819	19.668	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.366	132	150648	20.468	ng/ul	-0.01
15) 4-Methylphenol-d8	8.541	113	182053	18.941	ng/ul	0.00
21) Nitrobenzene-d5	8.988	128	82099	22.175	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	103913	21.716	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.245	165	202275	21.540	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	237886	19.449	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	642150	18.410	ng/ul	0.00
49) Acenaphthylene-d8	14.164	160	727710	21.315	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	93451	19.567	ng/ul	0.00
60) Fluorene-d10	15.468	176	591871	20.105	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	136206	19.526	ng/ul	0.00
73) Anthracene-d10	17.319	188	1010646	21.186	ng/ul	0.00
81) Pyrene-d10	19.616	212	1275460	22.090	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	1237321	20.944	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	26737	7.815	ng/uL	89
5) Pyridine	3.723	79	179042	19.103	ng/ul	92
6) Benzaldehyde	6.972	77	150059m	23.943	ng/ul	
8) Phenol	7.031	94	228198	18.466	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.254	93	160441	19.090	ng/ul	90
12) 2-Chlorophenol	7.401	128	156112	19.829	ng/ul	97
13) 2-Methylphenol	8.277	108	178279	19.751	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.347	45	226926	21.363	ng/ul	94
16) Acetophenone	8.647	105	285147	18.426	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.629	70	165150	18.295	ng/ul	93
18) 4-Methylphenol	8.600	108	193255	18.828	ng/ul	97
19) Hexachloroethane	8.911	117	65045	20.388	ng/ul	95
22) Nitrobenzene	9.029	77	243481	21.329	ng/ul	95
23) Isophorone	9.546	82	449523	18.657	ng/ul#	95
25) 2-Nitrophenol	9.740	139	101884	21.539	ng/ul	93
26) 2,4-Dimethylphenol	9.804	107	210803	20.431	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.033	93	236625	20.372	ng/ul	97
29) 2,4-Dichlorophenol	10.274	162	189546	21.411	ng/ul	94
30) Naphthalene	10.668	128	567180	21.049	ng/ul	100
32) 4-Chloroaniline	10.780	127	226696	19.365	ng/ul	100
33) Hexachlorobutadiene	10.956	225	165905	19.581	ng/ul	95
34) Caprolactam	11.532	113	65549m	17.815	ng/ul	
35) 4-Chloro-3-methylphenol	11.914	107	201889	19.006	ng/ul	99
36) 2-Methylnaphthalene	12.284	142	418068	19.575	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	434022	19.543	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.660	216	326288	20.785	ng/ul	96
40) Hexachlorocyclopentadiene	12.636	237	204455	23.852	ng/ul	98
41) 2,4,6-Trichlorophenol	12.901	196	178755	21.096	ng/ul	96
42) 2,4,5-Trichlorophenol	12.977	196	195387	21.264	ng/ul	96
43) 1,1'-Biphenyl	13.300	154	608146	21.545	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	469898	21.383	ng/ul	99
45) 2-Nitroaniline	13.547	65	161273	21.514	ng/ul	95
47) Dimethylphthalate	13.923	163	608747	18.201	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	132930	20.770	ng/ul	87
50) Acenaphthylene	14.187	152	732670	21.543	ng/ul	97
51) 3-Nitroaniline	14.375	138	123917	22.182	ng/ul	99
52) Acenaphthene	14.534	153	515366	21.172	ng/ul	98
53) 2,4-Dinitrophenol	14.593	184	85949	20.369	ng/ul	93
55) 4-Nitrophenol	14.699	109	110236	17.760	ng/ul	93
56) Dibenzofuran	14.869	168	758129	20.346	ng/ul	99
57) 2,4-Dinitrotoluene	14.840	165	192220	18.990	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.104	232	190397	20.008	ng/ul#	99
59) Diethylphthalate	15.292	149	608933	17.758	ng/ul	100
61) Fluorene	15.521	166	637875	20.227	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.515	204	391360	19.310	ng/ul	96
63) 4-Nitroaniline	15.545	138	124328	21.989	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.609	198	143762	19.859	ng/ul	98
67) N-Nitrosodiphenylamine	15.727	169	542495	21.910	ng/ul	97
68) 4-Bromophenyl-phenylether	16.408	248	266603	21.011	ng/ul	96
69) Hexachlorobenzene	16.532	284	281589	20.832	ng/ul	98
70) Atrazine	16.684	200	269467	19.894	ng/ul	98
71) Pentachlorophenol	16.878	266	124315	18.345	ng/ul	92
72) Phenanthrene	17.266	178	1081482	21.326	ng/ul	98
74) Anthracene	17.354	178	1127849	21.711	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.265	216	335244	23.358	ng/ul	99
76) Pentachlorobenzene	14.793	250	336601	21.992	ng/ul	96
77) Carbazole	17.625	167	937344	21.733	ng/ul	99
78) Di-n-butylphthalate	18.189	149	1065283	21.713	ng/ul	99
80) Fluoranthene	19.281	202	1415790	22.685	ng/ul	98
82) Pyrene	19.646	202	1468168	22.193	ng/ul#	96
83) Butylbenzylphthalate	20.545	149	462485	23.921	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.379	252	551579	22.274	ng/ul#	98
85) Benzo(a)anthracene	21.455	228	1578514	21.669	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	669692	23.781	ng/ul	100
87) Chrysene	21.520	228	1466678	21.595	ng/ul	98
89) Di-n-octyl phthalate	22.519	149	1138301	23.607	ng/ul	100
90) Benzo(b)fluoranthene	23.547	252	1563395	21.236	ng/ul	99
91) Benzo(k)fluoranthene	23.612	252	1536567m	20.954	ng/ul	
93) Benzo(a)pyrene	24.364	252	1417528	20.816	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.936	276	1736313	20.787	ng/ul	96
95) Dibenzo(a,h)anthracene	27.977	278	1410121	20.706	ng/ul#	97
96) Benzo(g,h,i)perylene	28.999	276	1294344	20.438	ng/ul	97

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

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