Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062193.D
Acq On : 23 Jul 2024 19:58
Operator : MA/JU
Sample : P3263-21MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 23 23:18:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CL0MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	45642	20.000	ng/ul	0.00
20) Naphthalene-d8	10.882	136	181969	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.694	164	157346	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	381005	20.000	ng/ul	0.00
79) Chrysene-d12	21.708	240	348814	20.000	ng/ul	0.00
88) Perylene-d12	24.945	264	374091	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	3423	3.502	ng/uL	0.00
4) Pyridine-d5	3.885	84	9400	2.646	ng/ul	0.00
7) Phenol-d5	7.245	99	83777	18.644	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	48222	18.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	55820	19.712	ng/ul	0.00
15) 4-Methylphenol-d8	8.790	113	62762	18.340	ng/ul	0.00
21) Nitrobenzene-d5	9.237	128	30484	21.027	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	37257	21.351	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.512	165	82873	22.687	ng/ul	0.00
31) 4-Chloroaniline-d4	11.023	131	32693	7.440	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	256994	19.269	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	283757	20.983	ng/ul	0.00
54) 4-Nitrophenol-d4	14.923	143	25987	16.169	ng/ul	0.00
60) Fluorene-d10	15.687	176	231635	20.399	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	47068	19.439	ng/ul	0.00
73) Anthracene-d10	17.443	188	381005	21.407	ng/ul	-0.10
81) Pyrene-d10	19.823	212	391574	19.799	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.716	264	285977	15.293	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.498	88	11047	8.620	ng/uL#	77
5) Pyridine	3.903	79	35575	9.788	ng/ul	92
6) Benzaldehyde	7.204	77	55773	23.642	ng/ul	94
8) Phenol	7.269	94	107578	24.266	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.480	93	67507	22.108	ng/ul#	89
12) 2-Chlorophenol	7.633	128	67191	23.371	ng/ul	91
13) 2-Methylphenol	8.520	108	76998	23.180	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.591	45	117779	21.795	ng/ul	99
16) Acetophenone	8.890	105	133795	22.395	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.867	70	72987	21.350	ng/ul	91
18) 4-Methylphenol	8.855	108	89066	24.316	ng/ul	89
19) Hexachloroethane	9.149	117	23903	18.572	ng/ul	81
22) Nitrobenzene	9.278	77	109264	23.306	ng/ul	97
23) Isophorone	9.801	82	208363	21.909	ng/ul#	94
25) 2-Nitrophenol	9.989	139	46191	25.031	ng/ul#	79
26) 2,4-Dimethylphenol	10.053	107	83439	18.842	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.277	93	100079	22.613	ng/ul#	98
29) 2,4-Dichlorophenol	10.535	162	95872	27.627	ng/ul	98
30) Naphthalene	10.935	128	256435	26.123	ng/ul	97
32) 4-Chloroaniline	11.046	127	43895	10.627	ng/ul#	82
33) Hexachlorobutadiene	11.199	225	87243	26.458	ng/ul	96
34) Caprolactam	11.828	113	27777m	23.442	ng/ul	
35) 4-Chloro-3-methylphenol	12.174	107	107903	25.931	ng/ul	97
36) 2-Methylnaphthalene	12.532	142	189804	25.612	ng/ul	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.750	142	191463	25.057	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.891	216	162265	25.574	ng/ul	98
40) Hexachlorocyclopentadiene	12.861	237	27377	8.798	ng/ul	97
41) 2,4,6-Trichlorophenol	13.143	196	99538	27.968	ng/ul	88
42) 2,4,5-Trichlorophenol	13.226	196	105165	27.146	ng/ul	98
43) 1,1'-Biphenyl	13.531	154	282005	25.320	ng/ul	98
44) 2-Chloronaphthalene	13.578	162	230840	25.208	ng/ul	97
45) 2-Nitroaniline	13.790	65	85361	25.294	ng/ul	97
47) Dimethylphthalate	14.142	163	287260	22.620	ng/ul#	94
48) 2,6-Dinitrotoluene	14.277	165	66141	25.433	ng/ul	88
50) Acenaphthylene	14.424	152	358575	24.322	ng/ul	98
51) 3-Nitroaniline	14.612	138	43141	20.535	ng/ul#	93
52) Acenaphthene	14.759	153	241491	24.677	ng/ul	97
53) 2,4-Dinitrophenol	14.823	184	25833	18.555	ng/ul#	76
55) 4-Nitrophenol	14.941	109	53186	21.621	ng/ul	92
56) Dibenzofuran	15.094	168	369101	25.048	ng/ul	100
57) 2,4-Dinitrotoluene	15.064	165	90960	22.794	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.329	232	86272	25.310	ng/ul#	97
59) Diethylphthalate	15.499	149	276141	21.993	ng/ul	100
61) Fluorene	15.740	166	311605	24.660	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.728	204	183473	23.447	ng/ul	97
63) 4-Nitroaniline	15.769	138	49345	21.950	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.828	198	54151	23.821	ng/ul	94
67) N-Nitrosodiphenylamine	15.945	169	253417	27.190	ng/ul	100
68) 4-Bromophenyl-phenylether	16.621	248	119015	26.825	ng/ul	95
69) Hexachlorobenzene	16.739	284	99202	21.070	ng/ul	94
70) Atrazine	16.891	200	84745	18.044	ng/ul	94
71) Pentachlorophenol	17.097	266	39986	23.031	ng/ul	98
72) Phenanthrene	17.485	178	664885	36.264	ng/ul	98
74) Anthracene	17.573	178	493980	26.171	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.496	216	160956	29.494	ng/ul	92
76) Pentachlorobenzene	15.011	250	143854	26.635	ng/ul	97
77) Carbazole	17.849	167	380192	23.690	ng/ul	98
78) Di-n-butylphthalate	18.383	149	446262	24.255	ng/ul	98
80) Fluoranthene	19.488	202	989410	43.610	ng/ul	99
82) Pyrene	19.852	202	810203	34.345	ng/ul#	98
83) Butylbenzylphthalate	20.721	149	180052	25.722	ng/ul	92
85) Benzo(a)anthracene	21.685	228	833697	34.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.567	149	278795	27.783	ng/ul	98
87) Chrysene	21.755	228	790436	35.117	ng/ul	97
89) Di-n-octyl phthalate	22.777	149	439972	25.565	ng/ul	100
90) Benzo(b)fluoranthene	23.911	252	817271	35.361	ng/ul	99
91) Benzo(k)fluoranthene	23.982	252	695898	30.163	ng/ul	100
93) Benzo(a)pyrene	24.786	252	389474	17.994	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.646	276	614273m	24.701	ng/ul	
95) Dibenzo(a,h)anthracene	28.705	278	593512m	28.782	ng/ul	
96) Benzo(g,h,i)perylene	29.803	276	64881m	3.259	ng/ul	

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

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