Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063277.D
Acq On : 9 Nov 2024 23:42
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 10 01:15:31 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

Instrument :
BNA_G
ClientSampleId :
SSTD020524

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	126005	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	567875	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.475	164	483233	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1136817	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1192800	20.000	ng/ul	0.00
88) Perylene-d12	24.510	264	1242632	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	21626	7.761	ng/uL	0.00
4) Pyridine-d5	3.705	84	177317	19.252	ng/ul	0.00
7) Phenol-d5	7.007	99	221426	19.475	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	134593	20.181	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	154604	20.949	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	185979	19.298	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	89066	22.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	109219	21.167	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	223755	22.097	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	256712	19.464	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	686649	18.140	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	780374	21.063	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	94967	18.324	ng/ul	0.00
60) Fluorene-d10	15.468	176	637958	19.970	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	131306	18.378	ng/ul	0.00
73) Anthracene-d10	17.324	188	1052557	21.543	ng/ul	0.00
81) Pyrene-d10	19.622	212	1278253	21.374	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1273575	21.228	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	24600	7.171	ng/uL#	85
5) Pyridine	3.723	79	184295	19.611	ng/ul	96
6) Benzaldehyde	6.978	77	153588	24.441	ng/ul	95
8) Phenol	7.036	94	248622	20.065	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.260	93	162552	19.290	ng/ul	95
12) 2-Chlorophenol	7.401	128	164227	20.804	ng/ul	94
13) 2-Methylphenol	8.282	108	180281	19.919	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.352	45	216369	20.314	ng/ul	97
16) Acetophenone	8.652	105	301679	19.442	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.634	70	167178	18.470	ng/ul	96
18) 4-Methylphenol	8.605	108	208811	20.289	ng/ul	96
19) Hexachloroethane	8.911	117	70685	22.096	ng/ul	92
22) Nitrobenzene	9.028	77	267829	21.757	ng/ul	98
23) Isophorone	9.551	82	468901	18.048	ng/ul	97
25) 2-Nitrophenol	9.739	139	109137	21.397	ng/ul	91
26) 2,4-Dimethylphenol	9.804	107	232440	20.892	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.033	93	252175	20.134	ng/ul	97
29) 2,4-Dichlorophenol	10.274	162	215627	22.588	ng/ul	89
30) Naphthalene	10.673	128	619075	21.306	ng/ul	100
32) 4-Chloroaniline	10.785	127	242705	19.227	ng/ul	100
33) Hexachlorobutadiene	10.961	225	188636	20.646	ng/ul	96
34) Caprolactam	11.537	113	65302m	16.458	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	226525	19.776	ng/ul	93
36) 2-Methylnaphthalene	12.289	142	467029	20.279	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	468423	19.560	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.659	216	377644	22.169	ng/ul	97
40) Hexachlorocyclopentadiene	12.636	237	135892	14.609	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	204220	22.210	ng/ul	96
42) 2,4,5-Trichlorophenol	12.976	196	220249m	22.089	ng/ul	
43) 1,1'-Biphenyl	13.300	154	660062	21.549	ng/ul	100
44) 2-Chloronaphthalene	13.341	162	516023	21.639	ng/ul	99
45) 2-Nitroaniline	13.546	65	162659	19.996	ng/ul	93
47) Dimethylphthalate	13.928	163	641678	17.680	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	141051	20.309	ng/ul#	95
50) Acenaphthylene	14.193	152	785552	21.285	ng/ul	97
51) 3-Nitroaniline	14.375	138	130705	21.561	ng/ul	91
52) Acenaphthene	14.533	153	551781	20.889	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	71663	15.651	ng/ul	94
55) 4-Nitrophenol	14.698	109	112129	16.647	ng/ul	94
56) Dibenzofuran	14.874	168	840625	20.790	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	211133	19.221	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.103	232	204481	19.801	ng/ul#	95
59) Diethylphthalate	15.297	149	659737	17.730	ng/ul	98
61) Fluorene	15.521	166	692946	20.249	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.515	204	433848	19.726	ng/ul	98
63) 4-Nitroaniline	15.544	138	129778	21.151	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.609	198	137438	18.536	ng/ul	97
67) N-Nitrosodiphenylamine	15.732	169	575160	22.679	ng/ul	97
68) 4-Bromophenyl-phenylether	16.414	248	283937	21.848	ng/ul	95
69) Hexachlorobenzene	16.531	284	300089	21.675	ng/ul	97
70) Atrazine	16.684	200	275441	19.854	ng/ul	94
71) Pentachlorophenol	16.878	266	127819	18.415	ng/ul	94
72) Phenanthrene	17.266	178	1134706	21.846	ng/ul	99
74) Anthracene	17.360	178	1156011	21.726	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.270	216	374388	25.468	ng/ul	98
76) Pentachlorobenzene	14.798	250	379143	24.185	ng/ul	94
77) Carbazole	17.630	167	948497	21.471	ng/ul	98
78) Di-n-butylphthalate	18.188	149	1066403	21.222	ng/ul	99
80) Fluoranthene	19.287	202	1421237	21.986	ng/ul#	98
82) Pyrene	19.651	202	1504116	21.952	ng/ul	98
83) Butylbenzylphthalate	20.544	149	470950	23.518	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.378	252	582174	22.698	ng/ul	99
85) Benzo(a)anthracene	21.461	228	1629582	21.598	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	667445	22.883	ng/ul	98
87) Chrysene	21.519	228	1499416	21.316	ng/ul	97
89) Di-n-octyl phthalate	22.518	149	1163580	23.762	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	1608456	21.513	ng/ul	99
91) Benzo(k)fluoranthene	23.611	252	1594556	21.412	ng/ul	99
93) Benzo(a)pyrene	24.369	252	1483161	21.446	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.929	276	1804256	21.269	ng/ul	96
95) Dibenzo(a,h)anthracene	27.976	278	1467560	21.220	ng/ul#	98
96) Benzo(g,h,i)perylene	28.993	276	1355969	21.083	ng/ul	98

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

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