Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063214.D
Acq On : 7 Nov 2024 22:37
Operator : RC/JU
Sample : P4585-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 00:12:53 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 :
A4EE0MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
11/08/2024
Supervised By :mohammad ahmed
11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	86386	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	432017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	413454	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	1019020	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	1042475	20.000	ng/ul	0.00
88) Perylene-d12	24.521	264	1125128	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2024m	1.059	ng/uL	0.00
4) Pyridine-d5	3.716	84	19924	3.155	ng/ul	0.00
7) Phenol-d5	7.013	99	36038	4.623	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	19474	4.259	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	25346	5.010	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	27342	4.138	ng/ul	0.00
21) Nitrobenzene-d5	8.998	128	14468	4.764	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	17581	4.479	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	37075	4.813	ng/ul	0.00
31) 4-Chloroaniline-d4	10.767	131	26593	2.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	140493	4.338	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	149936	4.730	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	19732	4.450	ng/ul	0.00
60) Fluorene-d10	15.473	176	133789	4.895	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	24297	3.794	ng/ul	0.00
73) Anthracene-d10	17.324	188	232892	5.318	ng/ul	0.00
81) Pyrene-d10	19.621	212	219303	4.196	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	144692	2.664	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	5262m	2.237	ng/uL	
5) Pyridine	3.746	79	10147	1.575	ng/ul	97
6) Benzaldehyde	6.983	77	5881m	1.365	ng/ul	
8) Phenol	7.036	94	56790	6.685	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.265	93	30683	5.311	ng/ul#	95
12) 2-Chlorophenol	7.406	128	32662	6.035	ng/ul	99
13) 2-Methylphenol	8.288	108	28795	4.641	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.358	45	42148	5.772	ng/ul	93
16) Acetophenone	8.658	105	125891	11.834	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.634	70	33648	5.423	ng/ul	91
18) 4-Methylphenol	8.611	108	39882	5.652	ng/ul	82
19) Hexachloroethane	8.916	117	8015	3.655	ng/ul	92
22) Nitrobenzene	9.034	77	51190	5.466	ng/ul#	97
23) Isophorone	9.557	82	95086	4.811	ng/ul	98
25) 2-Nitrophenol	9.745	139	22575	5.818	ng/ul	92
26) 2,4-Dimethylphenol	9.809	107	8149	0.963	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.038	93	49901	5.237	ng/ul	95
29) 2,4-Dichlorophenol	10.285	162	47075	6.482	ng/ul	89
30) Naphthalene	10.679	128	128990	5.835	ng/ul	99
32) 4-Chloroaniline	10.790	127	20535	2.138	ng/ul#	83
33) Hexachlorobutadiene	10.967	225	41160	5.922	ng/ul	93
34) Caprolactam	11.531	113	15826m	5.243	ng/ul	
35) 4-Chloro-3-methylphenol	11.924	107	49107	5.635	ng/ul	93
36) 2-Methylnaphthalene	12.289	142	100931	5.761	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.512	142	105665	5.800	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.665	216	80976	5.556	ng/ul	98
40) Hexachlorocyclopentadiene	12.641	237	5623	0.707	ng/ul#	88
41) 2,4,6-Trichlorophenol	12.906	196	47559	6.045	ng/ul	99
42) 2,4,5-Trichlorophenol	12.988	196	55258m	6.477	ng/ul	
43) 1,1'-Biphenyl	13.305	154	155840	5.946	ng/ul	93
44) 2-Chloronaphthalene	13.346	162	123216	6.039	ng/ul	99
45) 2-Nitroaniline	13.552	65	37610	5.404	ng/ul	93
47) Dimethylphthalate	13.928	163	165931	5.343	ng/ul	97
48) 2,6-Dinitrotoluene	14.051	165	34999	5.890	ng/ul	95
50) Acenaphthylene	14.198	152	187474	5.937	ng/ul	98
51) 3-Nitroaniline	14.380	138	28768	5.546	ng/ul	97
52) Acenaphthene	14.539	153	137579	6.088	ng/ul	98
53) 2,4-Dinitrophenol	14.604	184	11564	2.952	ng/ul#	73
55) 4-Nitrophenol	14.704	109	26806	4.651	ng/ul	92
56) Dibenzofuran	14.874	168	216327	6.253	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	53511	5.694	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.109	232	50623	5.730	ng/ul#	91
59) Diethylphthalate	15.297	149	174464	5.480	ng/ul	97
61) Fluorene	15.526	166	188407	6.435	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.520	204	111642	5.933	ng/ul	97
63) 4-Nitroaniline	15.550	138	32333	6.159	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.614	198	31853	4.793	ng/ul#	90
67) N-Nitrosodiphenylamine	15.738	169	147523	6.489	ng/ul	96
68) 4-Bromophenyl-phenylether	16.419	248	78497	6.738	ng/ul	97
69) Hexachlorobenzene	16.537	284	50121	4.039	ng/ul#	87
70) Atrazine	16.684	200	76533	6.154	ng/ul	95
71) Pentachlorophenol	16.889	266	24293m	3.905	ng/ul	
72) Phenanthrene	17.271	178	389523	8.366	ng/ul	96
74) Anthracene	17.359	178	316207	6.630	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.270	216	79114	6.004	ng/ul	99
76) Pentachlorobenzene	14.798	250	73096	5.202	ng/ul	97
77) Carbazole	17.630	167	212321	5.362	ng/ul	96
78) Di-n-butylphthalate	18.194	149	311857	6.923	ng/ul#	96
80) Fluoranthene	19.286	202	636267	11.262	ng/ul	100
82) Pyrene	19.651	202	391465	6.537	ng/ul#	95
83) Butylbenzylphthalate	20.550	149	138244	7.899	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.384	252	103646	4.624	ng/ul#	99
85) Benzo(a)anthracene	21.460	228	580546	8.804	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.384	149	202905	7.960	ng/ul	97
87) Chrysene	21.525	228	552551	8.988	ng/ul	97
89) Di-n-octyl phthalate	22.524	149	349542	7.884	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	575278	8.498	ng/ul	99
91) Benzo(k)fluoranthene	23.617	252	518392	7.688	ng/ul	99
93) Benzo(a)pyrene	24.369	252	197208	3.149	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	27.935	276	357803	4.658	ng/ul	99
95) Dibenzo(a,h)anthracene	27.994	278	423827	6.768	ng/ul	99
96) Benzo(g,h,i)perylene	29.004	276	39321m	0.675	ng/ul	

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

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