Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063192.D
Acq On : 7 Nov 2024 7:33
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 07 07:48:25 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

Instrument :
BNA_G
ClientSampleId :
SSTD020517

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	76101	20.000	ng/ul	0.00
20) Naphthalene-d8	10.632	136	358413	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	353596	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	930310	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	993159	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	1052945	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	11389	6.767	ng/uL	0.00
4) Pyridine-d5	3.710	84	97291	17.490	ng/ul	0.00
7) Phenol-d5	7.012	99	138290	20.139	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	74522	18.502	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	93633	21.007	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	116648	20.041	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	51562	20.463	ng/ul	0.00
24) 2-Nitrophenol-d4	9.715	143	66797	20.511	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.255	165	137623	21.534	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	163535	19.645	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	495273	17.882	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	559408	20.635	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	76881	20.273	ng/ul	0.00
60) Fluorene-d10	15.473	176	472700	20.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	112972	19.322	ng/ul	0.00
73) Anthracene-d10	17.324	188	834515	20.871	ng/ul	0.00
81) Pyrene-d10	19.621	212	1042643	20.939	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1049895	20.652	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	13695	6.610	ng/uL#	73
5) Pyridine	3.728	79	98246	17.310	ng/ul	99
6) Benzaldehyde	6.977	77	93146	24.543	ng/ul	96
8) Phenol	7.036	94	145633	19.461	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.265	93	95729	18.809	ng/ul	90
12) 2-Chlorophenol	7.406	128	99419	20.853	ng/ul	92
13) 2-Methylphenol	8.287	108	109868	20.100	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.358	45	124825	19.405	ng/ul	99
16) Acetophenone	8.657	105	177661	18.958	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.640	70	98963	18.104	ng/ul	97
18) 4-Methylphenol	8.610	108	124697	20.062	ng/ul	99
19) Hexachloroethane	8.916	117	39466	20.427	ng/ul	90
22) Nitrobenzene	9.039	77	153261	19.726	ng/ul	97
23) Isophorone	9.556	82	297465	18.140	ng/ul	97
25) 2-Nitrophenol	9.744	139	66010	20.505	ng/ul	94
26) 2,4-Dimethylphenol	9.809	107	150425	21.422	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.038	93	149466	18.908	ng/ul#	92
29) 2,4-Dichlorophenol	10.279	162	129906	21.561	ng/ul	97
30) Naphthalene	10.679	128	378684	20.649	ng/ul	98
32) 4-Chloroaniline	10.790	127	156716	19.670	ng/ul	98
33) Hexachlorobutadiene	10.966	225	117712	20.413	ng/ul	97
34) Caprolactam	11.536	113	48205m	19.250	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	154404	21.357	ng/ul	94
36) 2-Methylnaphthalene	12.288	142	300019	20.641	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.512	142	314469	20.805	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.664	216	253802	20.361	ng/ul	96
40) Hexachlorocyclopentadiene	12.647	237	101874	14.968	ng/ul	94
41) 2,4,6-Trichlorophenol	12.905	196	146323	21.747	ng/ul	94
42) 2,4,5-Trichlorophenol	12.982	196	163752	22.444	ng/ul	95
43) 1,1'-Biphenyl	13.305	154	465939	20.789	ng/ul	97
44) 2-Chloronaphthalene	13.352	162	359912	20.626	ng/ul	97
45) 2-Nitroaniline	13.552	65	122546	20.588	ng/ul	90
47) Dimethylphthalate	13.928	163	475021	17.887	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	99443	19.568	ng/ul	95
50) Acenaphthylene	14.198	152	563841	20.879	ng/ul	98
51) 3-Nitroaniline	14.380	138	98695	22.249	ng/ul	99
52) Acenaphthene	14.539	153	397613	20.572	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	55674	16.616	ng/ul	94
55) 4-Nitrophenol	14.703	109	96496	19.578	ng/ul	90
56) Dibenzofuran	14.879	168	598333	20.223	ng/ul	97
57) 2,4-Dinitrotoluene	14.844	165	158242	19.688	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.109	232	163385	21.622	ng/ul#	96
59) Diethylphthalate	15.297	149	490983	18.032	ng/ul	99
61) Fluorene	15.526	166	516025	20.607	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.520	204	321447	19.974	ng/ul	96
63) 4-Nitroaniline	15.549	138	105036	23.395	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.614	198	119581	19.708	ng/ul#	95
67) N-Nitrosodiphenylamine	15.737	169	430995	20.767	ng/ul	99
68) 4-Bromophenyl-phenylether	16.419	248	218577	20.552	ng/ul	92
69) Hexachlorobenzene	16.536	284	233321	20.593	ng/ul	99
70) Atrazine	16.689	200	220138	19.390	ng/ul	95
71) Pentachlorophenol	16.883	266	109754	19.323	ng/ul	99
72) Phenanthrene	17.271	178	888012	20.892	ng/ul	98
74) Anthracene	17.359	178	923984	21.220	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.275	216	266118	22.121	ng/ul	100
76) Pentachlorobenzene	14.797	250	281173	21.917	ng/ul	96
77) Carbazole	17.635	167	749618	20.735	ng/ul	96
78) Di-n-butylphthalate	18.193	149	842873	20.497	ng/ul	99
80) Fluoranthene	19.292	202	1168353	21.707	ng/ul	98
82) Pyrene	19.656	202	1224135	21.457	ng/ul	100
83) Butylbenzylphthalate	20.549	149	376933	22.607	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.384	252	480878	22.517	ng/ul	98
85) Benzo(a)anthracene	21.460	228	1329520	21.164	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	556483	22.914	ng/ul	97
87) Chrysene	21.525	228	1234986	21.086	ng/ul	98
89) Di-n-octyl phthalate	22.523	149	938478	22.617	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1329942	20.993	ng/ul	99
91) Benzo(k)fluoranthene	23.616	252	1307633	20.723	ng/ul	99
93) Benzo(a)pyrene	24.374	252	1212073	20.684	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.929	276	1503515m	20.917	ng/ul	
95) Dibenzo(a,h)anthracene	27.982	278	1235830	21.088	ng/ul#	99
96) Benzo(g,h,i)perylene	28.998	276	1147104	21.048	ng/ul	97

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

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