Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061805.D
Acq On : 1 Jul 2024 9:59
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 01 11:00:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020547

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	86765	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	427354	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	281627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	604009	20.000	ng/ul	0.00
79) Chrysene-d12	21.690	240	459791	20.000	ng/ul	0.00
88) Perylene-d12	24.904	264	540770	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	18678	7.776	ng/uL	0.00
4) Pyridine-d5	3.876	84	139145	19.161	ng/ul	0.00
7) Phenol-d5	7.207	99	181052	19.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	111005	18.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	126630	19.591	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	137524	18.886	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	63845	22.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	73293	24.939	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	140301	20.161	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	191755	18.200	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	400479	18.479	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	465918	19.617	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	63827	17.148	ng/ul	0.00
60) Fluorene-d10	15.674	176	351587	18.531	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	48599	18.816	ng/ul	0.00
73) Anthracene-d10	17.531	188	534060	19.371	ng/ul	0.00
81) Pyrene-d10	19.810	212	554034	21.572	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	516563	20.000	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	20001m	6.701	ng/uL	
5) Pyridine	3.894	79	143151	18.338	ng/ul	94
6) Benzaldehyde	7.196	77	111294	24.011	ng/ul	91
8) Phenol	7.231	94	184306	18.594	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.472	93	142842	19.147	ng/ul#	93
12) 2-Chlorophenol	7.619	128	130613	20.142	ng/ul	92
13) 2-Methylphenol	8.494	108	131754	18.998	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.582	45	296631	19.462	ng/ul	97
16) Acetophenone	8.882	105	215926	18.009	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.864	70	117540	18.249	ng/ul	99
18) 4-Methylphenol	8.817	108	141191	18.173	ng/ul	98
19) Hexachloroethane	9.140	117	52230	20.087	ng/ul	90
22) Nitrobenzene	9.264	77	177073	21.183	ng/ul#	96
23) Isophorone	9.787	82	337291	17.545	ng/ul	99
25) 2-Nitrophenol	9.975	139	69848	22.729	ng/ul#	75
26) 2,4-Dimethylphenol	10.028	107	168135	19.562	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.269	93	201277	18.508	ng/ul	95
29) 2,4-Dichlorophenol	10.509	162	125471	19.679	ng/ul	97
30) Naphthalene	10.921	128	454307	18.999	ng/ul	97
32) 4-Chloroaniline	11.021	127	185508	17.753	ng/ul	95
33) Hexachlorobutadiene	11.191	225	97255	22.083	ng/ul	93
34) Caprolactam	11.778	113	40285	15.280	ng/ul	91
35) 4-Chloro-3-methylphenol	12.137	107	158214	17.745	ng/ul	97
36) 2-Methylnaphthalene	12.519	142	308364	18.276	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.736	142	321449	17.855	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.877	216	169257	21.236	ng/ul	95
40) Hexachlorocyclopentadiene	12.860	237	76070	16.041	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.118	196	109557	21.305	ng/ul	90
42) 2,4,5-Trichlorophenol	13.189	196	116281m	20.746	ng/ul	
43) 1,1'-Biphenyl	13.524	154	410905	20.142	ng/ul	100
44) 2-Chloronaphthalene	13.565	162	312174	19.921	ng/ul	99
45) 2-Nitroaniline	13.764	65	122657	22.865	ng/ul	96
47) Dimethylphthalate	14.135	163	385730	17.923	ng/ul	96
48) 2,6-Dinitrotoluene	14.258	165	81109	22.712	ng/ul#	95
50) Acenaphthylene	14.411	152	501553	18.918	ng/ul	99
51) 3-Nitroaniline	14.587	138	76698	20.972	ng/ul#	97
52) Acenaphthene	14.751	153	345255	18.804	ng/ul	94
53) 2,4-Dinitrophenol	14.787	184	33954	18.710	ng/ul#	85
55) 4-Nitrophenol	14.887	109	65502	17.042	ng/ul	96
56) Dibenzofuran	15.086	168	480939	18.718	ng/ul	89
57) 2,4-Dinitrotoluene	15.039	165	112833	21.285	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.304	232	99760	18.152	ng/ul	97
59) Diethylphthalate	15.498	149	398759	17.990	ng/ul	95
61) Fluorene	15.733	166	394667	18.560	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.727	204	199272	18.878	ng/ul	93
63) 4-Nitroaniline	15.744	138	82171	21.209	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.803	198	53421	18.260	ng/ul#	93
67) N-Nitrosodiphenylamine	15.938	169	323109	20.686	ng/ul	97
68) 4-Bromophenyl-phenylether	16.620	248	133256	21.427	ng/ul	97
69) Hexachlorobenzene	16.726	284	153041	20.278	ng/ul	98
70) Atrazine	16.884	200	122488	19.633	ng/ul	97
71) Pentachlorophenol	17.072	266	78113	16.991	ng/ul	93
72) Phenanthrene	17.472	178	612676	19.281	ng/ul	99
74) Anthracene	17.566	178	624894	19.230	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.488	216	169546	25.195	ng/ul	97
76) Pentachlorobenzene	14.998	250	180237	22.303	ng/ul	95
77) Carbazole	17.830	167	520607	18.869	ng/ul	97
78) Di-n-butylphthalate	18.388	149	670224	20.310	ng/ul	99
80) Fluoranthene	19.475	202	661404	22.195	ng/ul	98
82) Pyrene	19.840	202	671180	21.182	ng/ul	96
83) Butylbenzylphthalate	20.721	149	277408	24.045	ng/ul#	98
84) 3,3'-Dichlorobenzidine	21.585	252	218965	22.523	ng/ul	97
85) Benzo(a)anthracene	21.673	228	653007	20.233	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.579	149	398516	23.500	ng/ul	99
87) Chrysene	21.737	228	616681	20.193	ng/ul	98
89) Di-n-octyl phthalate	22.795	149	674230	23.639	ng/ul	100
90) Benzo(b)fluoranthene	23.882	252	652720	20.079	ng/ul	99
91) Benzo(k)fluoranthene	23.952	252	641836	19.198	ng/ul	98
93) Benzo(a)pyrene	24.757	252	617635	19.735	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.571	276	796667m	20.428	ng/ul	
95) Dibenzo(a,h)anthracene	28.641	278	665671	20.527	ng/ul	99
96) Benzo(g,h,i)perylene	29.710	276	640842	20.385	ng/ul	96

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

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