Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062294.D
Acq On : 7 Aug 2024 8:42
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 07 09:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:46:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020593

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	63525	20.000	ng/ul	0.00
20) Naphthalene-d8	10.754	136	303926	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.578	164	236407	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	516722	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	513273	20.000	ng/ul	0.00
88) Perylene-d12	24.653	264	577551	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	10230	6.944	ng/uL	0.00
4) Pyridine-d5	3.828	84	84380	18.206	ng/ul	0.00
7) Phenol-d5	7.112	99	114571	18.896	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	70910	18.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.488	132	84111	19.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	98013	19.407	ng/ul	0.00
21) Nitrobenzene-d5	9.109	128	42110	22.470	ng/ul	0.00
24) 2-Nitrophenol-d4	9.832	143	46414	26.328	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.366	165	101672	19.856	ng/ul	0.00
31) 4-Chloroaniline-d4	10.883	131	138274	18.619	ng/ul	0.00
46) Dimethylphthalate-d6	13.985	166	329209	18.049	ng/ul	0.00
49) Acenaphthylene-d8	14.273	160	380626	18.405	ng/ul	0.00
54) 4-Nitrophenol-d4	14.755	143	53003	20.757	ng/ul	0.00
60) Fluorene-d10	15.571	176	301747	18.431	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	40132	26.225	ng/ul	0.00
73) Anthracene-d10	17.416	188	458614	18.402	ng/ul	0.00
81) Pyrene-d10	19.701	212	565676	18.542	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.441	264	570545	18.480	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	12297	7.393	ng/uL#	83
5) Pyridine	3.846	79	90032	18.688	ng/ul	99
6) Benzaldehyde	7.094	77	66592m	20.782	ng/ul	
8) Phenol	7.141	94	121187	18.942	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.382	93	88830	18.735	ng/ul	96
12) 2-Chlorophenol	7.523	128	86277	18.693	ng/ul	96
13) 2-Methylphenol	8.393	108	91803	19.030	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	180523	18.635	ng/ul	99
16) Acetophenone	8.774	105	155329	19.313	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	82820	19.376	ng/ul	96
18) 4-Methylphenol	8.716	108	104730	19.387	ng/ul	96
19) Hexachloroethane	9.045	117	33855	19.738	ng/ul	98
22) Nitrobenzene	9.150	77	113321	21.263	ng/ul	100
23) Isophorone	9.679	82	233115	18.183	ng/ul	99
25) 2-Nitrophenol	9.861	139	51986	24.311	ng/ul	93
26) 2,4-Dimethylphenol	9.920	107	108289	17.692	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.167	93	134156	18.555	ng/ul	98
29) 2,4-Dichlorophenol	10.396	162	105219	20.275	ng/ul	98
30) Naphthalene	10.801	128	329140	19.052	ng/ul	99
32) 4-Chloroaniline	10.901	127	135477	18.664	ng/ul	98
33) Hexachlorobutadiene	11.095	225	72992	18.584	ng/ul	96
34) Caprolactam	11.653	113	34717m	19.125	ng/ul	
35) 4-Chloro-3-methylphenol	12.017	107	118082	20.277	ng/ul	99
36) 2-Methylnaphthalene	12.411	142	241413	20.284	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	243502	19.747	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	154279	19.989	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	66385	22.132	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	92737	20.716	ng/ul	99
42) 2,4,5-Trichlorophenol	13.080	196	100122	20.759	ng/ul	95
43) 1,1'-Biphenyl	13.415	154	342267	19.109	ng/ul	99
44) 2-Chloronaphthalene	13.456	162	270673	19.448	ng/ul	97
45) 2-Nitroaniline	13.650	65	82209	23.192	ng/ul	96
47) Dimethylphthalate	14.038	163	331678	18.126	ng/ul	99
48) 2,6-Dinitrotoluene	14.150	165	60197	24.095	ng/ul	93
50) Acenaphthylene	14.302	152	406493	18.447	ng/ul	100
51) 3-Nitroaniline	14.473	138	60693	21.340	ng/ul	95
52) Acenaphthene	14.643	153	306418	18.677	ng/ul	99
53) 2,4-Dinitrophenol	14.672	184	22941	23.094	ng/ul#	84
55) 4-Nitrophenol	14.772	109	45457	19.901	ng/ul	98
56) Dibenzofuran	14.978	168	428746	18.918	ng/ul	99
57) 2,4-Dinitrotoluene	14.931	165	88812	25.915	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.195	232	91633	21.098	ng/ul	98
59) Diethylphthalate	15.401	149	328502	17.779	ng/ul	98
61) Fluorene	15.624	166	324238	18.296	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.624	204	168170	18.406	ng/ul	96
63) 4-Nitroaniline	15.630	138	57686	21.046	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.689	198	46158	26.178	ng/ul	96
67) N-Nitrosodiphenylamine	15.830	169	287645	18.577	ng/ul	98
68) 4-Bromophenyl-phenylether	16.517	248	113268	19.239	ng/ul	95
69) Hexachlorobenzene	16.629	284	130046	18.988	ng/ul	95
70) Atrazine	16.781	200	113537	19.139	ng/ul	97
71) Pentachlorophenol	16.963	266	74263	20.593	ng/ul	100
72) Phenanthrene	17.363	178	537782	18.491	ng/ul	99
74) Anthracene	17.451	178	548745	18.384	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	156932	20.278	ng/ul	98
76) Pentachlorobenzene	14.896	250	155748	19.237	ng/ul	96
77) Carbazole	17.715	167	459358	18.765	ng/ul	100
78) Di-n-butylphthalate	18.291	149	551418	18.931	ng/ul	99
80) Fluoranthene	19.366	202	632792	18.344	ng/ul	98
82) Pyrene	19.730	202	678935	18.482	ng/ul	99
83) Butylbenzylphthalate	20.629	149	242965	19.164	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	238230	20.620	ng/ul	100
85) Benzo(a)anthracene	21.540	228	696942	18.541	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.481	149	364250	18.615	ng/ul	97
87) Chrysene	21.604	228	658678	18.562	ng/ul	99
89) Di-n-octyl phthalate	22.662	149	605431	18.402	ng/ul	100
90) Benzo(b)fluoranthene	23.678	252	648082	18.447	ng/ul	99
91) Benzo(k)fluoranthene	23.742	252	654614	18.315	ng/ul	99
93) Benzo(a)pyrene	24.506	252	609007	18.320	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.142	276	790936	18.360	ng/ul	99
95) Dibenzo(a,h)anthracene	28.213	278	648059	18.419	ng/ul	99
96) Benzo(g,h,i)perylene	29.229	276	606335	18.535	ng/ul	98

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

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