Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063166.D
Acq On : 6 Nov 2024 12:54
Operator : RC/JU
Sample : SSTD01071
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 15:35:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:29:20 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010411

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
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	54343	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	250130	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	238126	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	687349	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	829252	20.000	ng/ul	0.00
88) Perylene-d12	24.504	264	882054	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	5049	4.201	ng/uL	0.00
4) Pyridine-d5	3.711	84	36943	9.300	ng/ul	0.00
7) Phenol-d5	7.013	99	43686	8.909	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	28470	9.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	30885	9.704	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	39232	9.439	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	17847m	10.157	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	23159	10.190	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	44115	9.891	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	54674	9.411	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	194660	10.436	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	184702	10.117	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	23835	9.333	ng/ul	0.00
60) Fluorene-d10	15.468	176	159613	10.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	39358	9.111	ng/ul	0.00
73) Anthracene-d10	17.324	188	291392	9.864	ng/ul	0.00
81) Pyrene-d10	19.622	212	422804	10.169	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.298	264	417789	9.810	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	6801	4.597	ng/uL	96
5) Pyridine	3.734	79	36592	9.029	ng/ul	86
6) Benzaldehyde	6.983	77	35879	13.239	ng/ul	88
8) Phenol	7.042	94	49080	9.184	ng/ul	87
10) Bis(2-Chloroethyl)ether	7.260	93	37017	10.185	ng/ul	97
12) 2-Chlorophenol	7.406	128	33000	9.693	ng/ul	92
13) 2-Methylphenol	8.282	108	36010	9.225	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.358	45	45087	9.815	ng/ul	96
16) Acetophenone	8.658	105	62162	9.289	ng/ul#	96
17) N-Nitroso-di-n-propyla...	8.640	70	40329	10.331	ng/ul#	94
18) 4-Methylphenol	8.605	108	42950	9.677	ng/ul	90
19) Hexachloroethane	8.911	117	13758	9.972	ng/ul	99
22) Nitrobenzene	9.040	77	55235	10.187	ng/ul#	88
23) Isophorone	9.557	82	113837	9.947	ng/ul	98
25) 2-Nitrophenol	9.751	139	21582	9.606	ng/ul	94
26) 2,4-Dimethylphenol	9.810	107	47912	9.777	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.039	93	55904	10.133	ng/ul#	98
29) 2,4-Dichlorophenol	10.280	162	38501	9.156	ng/ul	90
30) Naphthalene	10.679	128	128683	10.055	ng/ul	97
32) 4-Chloroaniline	10.791	127	52843	9.504	ng/ul	99
33) Hexachlorobutadiene	10.967	225	40510	10.066	ng/ul#	88
34) Caprolactam	11.537	113	18527m	10.601	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	48262	9.566	ng/ul	95
36) 2-Methylnaphthalene	12.289	142	101429	9.999	ng/ul	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	103609	9.822	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.665	216	85373	10.170	ng/ul	98
40) Hexachlorocyclopentadiene	12.642	237	36567	7.978	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	42258	9.326	ng/ul#	94
42) 2,4,5-Trichlorophenol	12.976	196	43937	8.942	ng/ul	88
43) 1,1'-Biphenyl	13.305	154	152153	10.080	ng/ul	99
44) 2-Chloronaphthalene	13.347	162	118854	10.114	ng/ul	99
45) 2-Nitroaniline	13.552	65	38393	9.578	ng/ul	95
47) Dimethylphthalate	13.928	163	185806	10.389	ng/ul#	96
48) 2,6-Dinitrotoluene	14.052	165	32853	9.599	ng/ul#	91
50) Acenaphthylene	14.193	152	185366	10.193	ng/ul	98
51) 3-Nitroaniline	14.375	138	32423	10.854	ng/ul	81
52) Acenaphthene	14.539	153	134299	10.318	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	24542	10.877	ng/ul#	76
55) 4-Nitrophenol	14.692	109	27007	8.137	ng/ul	94
56) Dibenzofuran	14.874	168	202334	10.155	ng/ul	96
57) 2,4-Dinitrotoluene	14.839	165	55328	10.222	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.103	232	51046	10.031	ng/ul#	98
59) Diethylphthalate	15.297	149	191399	10.438	ng/ul	99
61) Fluorene	15.526	166	169145	10.030	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.520	204	110368	10.184	ng/ul	98
63) 4-Nitroaniline	15.544	138	32986	10.910	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.609	198	37053	8.265	ng/ul#	89
67) N-Nitrosodiphenylamine	15.732	169	152855	9.969	ng/ul	93
68) 4-Bromophenyl-phenylether	16.414	248	74971	9.541	ng/ul	96
69) Hexachlorobenzene	16.531	284	81147	9.694	ng/ul	96
70) Atrazine	16.684	200	85119	10.147	ng/ul#	89
71) Pentachlorophenol	16.878	266	47082	11.219	ng/ul	96
72) Phenanthrene	17.265	178	314923	10.028	ng/ul	97
74) Anthracene	17.360	178	323830	10.066	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.270	216	83987	9.449	ng/ul	91
76) Pentachlorobenzene	14.798	250	92866	9.798	ng/ul	95
77) Carbazole	17.630	167	277392	10.385	ng/ul	96
78) Di-n-butylphthalate	18.194	149	307493	10.121	ng/ul	99
80) Fluoranthene	19.287	202	454066	10.104	ng/ul	100
82) Pyrene	19.651	202	478136	10.038	ng/ul	99
83) Butylbenzylphthalate	20.550	149	135606	9.741	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.378	252	190558	10.687	ng/ul	98
85) Benzo(a)anthracene	21.461	228	534907	10.198	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	197544	9.742	ng/ul	98
87) Chrysene	21.525	228	500346	10.231	ng/ul	97
89) Di-n-octyl phthalate	22.518	149	342151	9.843	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	528159	9.952	ng/ul	100
91) Benzo(k)fluoranthene	23.617	252	527339	9.976	ng/ul	97
93) Benzo(a)pyrene	24.369	252	489773	9.977	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.929	276	588201	9.768	ng/ul#	95
95) Dibenzo(a,h)anthracene	27.971	278	494219m	10.065	ng/ul	
96) Benzo(g,h,i)perylene	28.975	276	446822	9.787	ng/ul	98

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

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