Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010923\
Data File : BG056234.D
Acq On : 9 Jan 2023 15:37
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 16:52:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 01:03:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020588

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :mohammad ahmed 01/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	50824	20.000	ng/ul	0.00
20) Naphthalene-d8	11.161	136	198690	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.945	164	165655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	420892	20.000	ng/ul	0.00
79) Chrysene-d12	21.978	240	392058	20.000	ng/ul	0.00
88) Perylene-d12	25.445	264	431381	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	9434	8.407	ng/uL	0.00
4) Pyridine-d5	4.064	84	67544	18.843	ng/ul	0.00
7) Phenol-d5	7.454	99	83104	18.534	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.636	67	37254	20.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.848	132	56358	18.785	ng/ul	-0.01
15) 4-Methylphenol-d8	9.023	113	63832	17.866	ng/ul	0.00
21) Nitrobenzene-d5	9.504	128	29836	19.016	ng/ul	0.00
24) 2-Nitrophenol-d4	10.233	143	38197	18.616	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.768	165	75891	18.555	ng/ul	0.00
31) 4-Chloroaniline-d4	11.291	131	84852	18.435	ng/ul	0.00
46) Dimethylphthalate-d6	14.334	166	243884	18.555	ng/ul	0.00
49) Acenaphthylene-d8	14.640	160	268729	18.611	ng/ul	0.00
54) 4-Nitrophenol-d4	15.104	143	35039	16.887	ng/ul	0.00
60) Fluorene-d10	15.926	176	234434	19.095	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	49243	16.652	ng/ul	0.00
73) Anthracene-d10	17.777	188	360631	18.642	ng/ul	0.00
81) Pyrene-d10	20.045	212	436971	19.050	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.198	264	405272	18.320	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.664	88	10256	8.198	ng/uL	94
5) Pyridine	4.081	79	68980	19.657	ng/ul	95
6) Benzaldehyde	7.454	77	31246m	19.863	ng/ul	
8) Phenol	7.483	94	82155	18.554	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.730	93	58685	19.142	ng/ul	96
12) 2-Chlorophenol	7.883	128	56416	19.124	ng/ul	99
13) 2-Methylphenol	8.752	108	62924	18.497	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.852	45	11534	20.700	ng/ul#	73
16) Acetophenone	9.152	105	100890	18.354	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.128	70	45779	18.800	ng/ul	96
18) 4-Methylphenol	9.087	108	69099	18.702	ng/ul	96
19) Hexachloroethane	9.428	117	22816	19.871	ng/ul	96
22) Nitrobenzene	9.546	77	69099	19.394	ng/ul#	92
23) Isophorone	10.068	82	137976	18.372	ng/ul	99
25) 2-Nitrophenol	10.256	139	36631	18.501	ng/ul	97
26) 2,4-Dimethylphenol	10.303	107	75755	18.681	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.544	93	79737	18.954	ng/ul	97
29) 2,4-Dichlorophenol	10.797	162	72216	18.727	ng/ul	98
30) Naphthalene	11.214	128	197391	18.981	ng/ul	99
32) 4-Chloroaniline	11.308	127	89349	19.001	ng/ul	98
33) Hexachlorobutadiene	11.490	225	65343	19.753	ng/ul	95
34) Caprolactam	12.054	113	22820	18.855	ng/ul	94
35) 4-Chloro-3-methylphenol	12.401	107	70406	18.610	ng/ul	94
36) 2-Methylnaphthalene	12.795	142	149497	18.820	ng/ul	100

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37) 1-Methylnaphthalene	13.012	142	150443	18.416	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.153	216	121769	18.989	ng/ul	99
40) Hexachlorocyclopentadiene	13.130	237	73072	16.762	ng/ul	97
41) 2,4,6-Trichlorophenol	13.382	196	76113	18.694	ng/ul	99
42) 2,4,5-Trichlorophenol	13.453	196	81833	18.479	ng/ul	91
43) 1,1'-Biphenyl	13.782	154	228463	19.162	ng/ul	97
44) 2-Chloronaphthalene	13.829	162	183975	18.813	ng/ul	97
45) 2-Nitroaniline	14.023	65	34345	18.404	ng/ul	86
47) Dimethylphthalate	14.381	163	240614	18.522	ng/ul	98
48) 2,6-Dinitrotoluene	14.504	165	49999	18.330	ng/ul	98
50) Acenaphthylene	14.669	152	274137	18.745	ng/ul	97
51) 3-Nitroaniline	14.833	138	38507	18.641	ng/ul	90
52) Acenaphthene	15.010	153	191451	18.918	ng/ul	99
53) 2,4-Dinitrophenol	15.039	184	28389	14.554	ng/ul	97
55) 4-Nitrophenol	15.121	109	33654	17.339	ng/ul	93
56) Dibenzofuran	15.339	168	292031	18.666	ng/ul	98
57) 2,4-Dinitrotoluene	15.286	165	72312	18.604	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.556	232	76315	17.799	ng/ul	98
59) Diethylphthalate	15.727	149	222703	18.438	ng/ul	99
61) Fluorene	15.985	166	238796	18.953	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.962	204	148605	18.863	ng/ul	96
63) 4-Nitroaniline	15.991	138	31461m	16.647	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.050	198	48826	17.299	ng/ul	99
67) N-Nitrosodiphenylamine	16.173	169	211126	18.797	ng/ul	97
68) 4-Bromophenyl-phenylether	16.860	248	100620	18.637	ng/ul	97
69) Hexachlorobenzene	16.984	284	99907	18.689	ng/ul	97
70) Atrazine	17.107	200	96125	18.776	ng/ul	96
71) Pentachlorophenol	17.325	266	51147	15.000	ng/ul	96
72) Phenanthrene	17.724	178	404241	18.838	ng/ul	100
74) Anthracene	17.812	178	406020	18.636	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.752	216	122004	19.233	ng/uL	94
76) Pentachlorobenzene	15.256	250	125361	19.314	ng/uL	92
77) Carbazole	18.077	167	340671	19.049	ng/ul	99
78) Di-n-butylphthalate	18.605	149	351048	18.602	ng/ul	100
80) Fluoranthene	19.710	202	516913	19.055	ng/ul	99
82) Pyrene	20.074	202	508183	18.731	ng/ul	99
83) Butylbenzylphthalate	20.932	149	147517	18.539	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.860	252	184607	19.914	ng/ul	98
85) Benzo(a)anthracene	21.960	228	508308	18.802	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.825	149	213789	18.581	ng/ul	98
87) Chrysene	22.025	228	471749	18.765	ng/ul	99
89) Di-n-octyl phthalate	23.112	149	364783	18.418	ng/ul	100
90) Benzo(b)fluoranthene	24.334	252	538632	18.702	ng/ul	98
91) Benzo(k)fluoranthene	24.405	252	513775	18.231	ng/ul	99
93) Benzo(a)pyrene	25.274	252	464389	18.417	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.410	276	607631	18.318	ng/ul	98
95) Dibenzo(a,h)anthracene	29.487	278	508841	18.355	ng/ul	99
96) Benzo(g,h,i)perylene	30.668	276	487476	18.179	ng/ul	98

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

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