Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059239.D
Acq On : 29 Sep 2023 4:31
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 29 05:59:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020577

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	46707	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	251772	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.868	164	159870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	373845	20.000	ng/ul	0.00
79) Chrysene-d12	21.919	240	334908	20.000	ng/ul	0.00
88) Perylene-d12	25.391	264	393710	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	11065	8.941	ng/uL	0.00
4) Pyridine-d5	3.963	84	76827	21.277	ng/ul	0.00
7) Phenol-d5	7.360	99	104809	22.418	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	64311	21.533	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	77229	24.573	ng/ul	0.00
15) 4-Methylphenol-d8	8.922	113	80260	22.208	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	39387	22.169	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	44555	25.546	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	80656	22.511	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	124204	21.426	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	241615	20.903	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	302505	20.851	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	43981	21.790	ng/ul	0.00
60) Fluorene-d10	15.855	176	227159	20.649	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	35689	18.572	ng/ul	0.00
73) Anthracene-d10	17.712	188	346370m	20.334	ng/ul	0.00
81) Pyrene-d10	19.986	212	384785	20.516	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.150	264	385894	20.396	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	11359	7.813	ng/uL#	74
5) Pyridine	3.981	79	79574	21.701	ng/ul	87
6) Benzaldehyde	7.377	77	50604	24.647	ng/ul	98
8) Phenol	7.383	94	106648	22.931	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.647	93	85336	22.372	ng/ul	95
12) 2-Chlorophenol	7.783	128	79816	24.087	ng/ul	99
13) 2-Methylphenol	8.658	108	78802	22.426	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.740	45	185227	21.966	ng/ul	99
16) Acetophenone	9.075	105	124766	22.291	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.040	70	59486	20.952	ng/ul#	93
18) 4-Methylphenol	8.993	108	82960	22.283	ng/ul	96
19) Hexachloroethane	9.316	117	31671	24.261	ng/ul	93
22) Nitrobenzene	9.475	77	91173	20.789	ng/ul	97
23) Isophorone	9.974	82	191086	20.261	ng/ul	95
25) 2-Nitrophenol	10.180	139	43409	22.589	ng/ul	90
26) 2,4-Dimethylphenol	10.209	107	89951	21.891	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.462	93	122699	20.620	ng/ul	98
29) 2,4-Dichlorophenol	10.703	162	79741	22.389	ng/ul	98
30) Naphthalene	11.126	128	276718	20.499	ng/ul#	95
32) 4-Chloroaniline	11.243	127	112962	20.378	ng/ul	96
33) Hexachlorobutadiene	11.355	225	47943	20.114	ng/ul	97
34) Caprolactam	12.025	113	26516	21.517	ng/ul#	78
35) 4-Chloro-3-methylphenol	12.324	107	81189	21.365	ng/ul	90
36) 2-Methylnaphthalene	12.706	142	183878	20.793	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	185133	20.626	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	13.053	216	96211	20.102	ng/ul	99
40) Hexachlorocyclopentadiene	13.006	237	54856	18.580	ng/ul	98
41) 2,4,6-Trichlorophenol	13.300	196	62485	21.323	ng/ul#	79
42) 2,4,5-Trichlorophenol	13.370	196	64927	21.116	ng/ul	96
43) 1,1'-Biphenyl	13.705	154	263960	20.444	ng/ul	100
44) 2-Chloronaphthalene	13.758	162	196386	20.202	ng/ul	99
45) 2-Nitroaniline	13.975	65	64265	23.437	ng/ul	92
47) Dimethylphthalate	14.310	163	240860	20.345	ng/ul#	99
48) 2,6-Dinitrotoluene	14.451	165	47585	23.632	ng/ul	88
50) Acenaphthylene	14.598	152	317031	20.472	ng/ul	100
51) 3-Nitroaniline	14.798	138	49703	22.866	ng/ul#	96
52) Acenaphthene	14.933	153	213398	20.076	ng/ul	96
53) 2,4-Dinitrophenol	14.986	184	17027m	15.212	ng/ul	
55) 4-Nitrophenol	15.068	109	29342m	20.608	ng/ul	
56) Dibenzofuran	15.262	168	291687	20.702	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	70160	23.532	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.474	232	61524	22.102	ng/ul	100
59) Diethylphthalate	15.656	149	235661	20.590	ng/ul	96
61) Fluorene	15.908	166	246178	20.808	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.891	204	119288	20.227	ng/ul	96
63) 4-Nitroaniline	15.949	138	44981	22.486	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.979	198	39876	19.680	ng/ul#	90
67) N-Nitrosodiphenylamine	16.114	169	196517	19.720	ng/ul	95
68) 4-Bromophenyl-phenylether	16.790	248	74925	20.688	ng/ul	97
69) Hexachlorobenzene	16.878	284	83438	20.393	ng/ul	96
70) Atrazine	17.048	200	77819	20.537	ng/ul	98
71) Pentachlorophenol	17.236	266	46128m	19.589	ng/ul	
72) Phenanthrene	17.659	178	416747	20.313	ng/ul	99
74) Anthracene	17.747	178	429438	20.271	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.664	216	98584	20.011	ng/uL	98
76) Pentachlorobenzene	15.156	250	96090	19.754	ng/uL	98
77) Carbazole	18.029	167	352492	20.415	ng/ul	99
78) Di-n-butylphthalate	18.535	149	420380	20.539	ng/ul	98
80) Fluoranthene	19.651	202	479577	20.757	ng/ul	98
82) Pyrene	20.015	202	506137	20.682	ng/ul	98
83) Butylbenzylphthalate	20.873	149	183743	21.291	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.813	252	164930	21.265	ng/ul	98
85) Benzo(a)anthracene	21.895	228	472770	20.053	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.731	149	272783	20.816	ng/ul	95
87) Chrysene	21.966	228	450890	20.250	ng/ul	99
89) Di-n-octyl phthalate	23.024	149	465520	20.330	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	477320	19.794	ng/ul	97
91) Benzo(k)fluoranthene	24.340	252	494621	20.244	ng/ul	97
93) Benzo(a)pyrene	25.227	252	462728	20.228	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.410	276	518783m	20.034	ng/ul	
95) Dibenzo(a,h)anthracene	29.504	278	418784	19.887	ng/ul	98
96) Benzo(g,h,i)perylene	30.697	276	415321	19.725	ng/ul	95

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

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