Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
Data File : BG056871.D
Acq On : 7 Mar 2023 14:37
Operator : CG/JU
Sample : SSTD08069
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 23:27:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:05:19 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080425

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	14483	20.000	ng/ul	0.00
20) Naphthalene-d8	11.265	136	65714	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.037	164	50838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.780	188	128694	20.000	ng/ul	0.00
79) Chrysene-d12	22.111	240	119446	20.000	ng/ul	0.00
88) Perylene-d12	25.671	264	131305	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.691	96	12351	33.072	ng/uL	0.00
4) Pyridine-d5	4.132	84	98016	79.272	ng/ul	0.00
7) Phenol-d5	7.545	99	121677	81.970	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.727	67	74626	80.038	ng/ul	0.00
11) 2-Chlorophenol-d4	7.945	132	79294	85.353	ng/ul	0.00
15) 4-Methylphenol-d8	9.120	113	93611	83.577	ng/ul	0.01
21) Nitrobenzene-d5	9.602	128	42952	78.805	ng/ul	0.00
24) 2-Nitrophenol-d4	10.330	143	54504	84.530	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.871	165	102144	81.784	ng/ul	0.00
31) 4-Chloroaniline-d4	11.388	131	128259	77.936	ng/ul	0.00
46) Dimethylphthalate-d6	14.426	166	335574	77.170	ng/ul	0.00
49) Acenaphthylene-d8	14.737	160	381018	79.801	ng/ul	0.00
54) 4-Nitrophenol-d4	15.213	143	58447	79.320	ng/ul	0.01
60) Fluorene-d10	16.024	176	307061	76.149	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.135	200	75129	80.776	ng/ul	0.01
73) Anthracene-d10	17.880	188	490231	78.816	ng/ul	0.00
81) Pyrene-d10	20.142	212	587712	80.779	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.436	264	577770	80.360	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.732	88	12798	30.748	ng/uL#	87
5) Pyridine	4.149	79	104583	80.226	ng/ul	98
6) Benzaldehyde	7.539	77	52783	67.554	ng/ul	94
8) Phenol	7.575	94	124915	82.541	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.821	93	86588	81.445	ng/ul	99
12) 2-Chlorophenol	7.980	128	77908	81.620	ng/ul	97
13) 2-Methylphenol	8.850	108	91574	82.305	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.944	45	117653	80.533	ng/ul#	95
16) Acetophenone	9.255	105	156906	81.857	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.237	70	91629	82.188	ng/ul#	96
18) 4-Methylphenol	9.185	108	100155	82.934	ng/ul	85
19) Hexachloroethane	9.525	117	32957	83.605	ng/ul#	84
22) Nitrobenzene	9.643	77	133516	78.502	ng/ul	94
23) Isophorone	10.172	82	257364	77.515	ng/ul	98
25) 2-Nitrophenol	10.366	139	52855	78.404	ng/ul	93
26) 2,4-Dimethylphenol	10.401	107	119523	80.875	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.642	93	126851	78.487	ng/ul	94
29) 2,4-Dichlorophenol	10.900	162	99529	82.658	ng/ul	96
30) Naphthalene	11.317	128	281414	77.526	ng/ul	96
32) 4-Chloroaniline	11.417	127	126931	78.722	ng/ul	97
33) Hexachlorobutadiene	11.594	225	74813	78.950	ng/ul	98
34) Caprolactam	12.181	113	33894m	76.699	ng/ul	
35) 4-Chloro-3-methylphenol	12.504	107	110711	79.194	ng/ul	99
36) 2-Methylnaphthalene	12.892	142	207847	79.602	ng/ul	95

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37) 1-Methylnaphthalene	13.109	142	203143	77.865	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.250	216	150423	80.072	ng/ul	99
40) Hexachlorocyclopentadiene	13.227	237	107801	84.393	ng/ul	94
41) 2,4,6-Trichlorophenol	13.480	196	101180	82.708	ng/ul	94
42) 2,4,5-Trichlorophenol	13.556	196	111087	81.577	ng/ul	96
43) 1,1'-Biphenyl	13.879	154	303053	79.594	ng/ul	96
44) 2-Chloronaphthalene	13.926	162	250838	79.900	ng/ul	96
45) 2-Nitroaniline	14.120	65	95550	82.539	ng/ul	96
47) Dimethylphthalate	14.473	163	333895	75.957	ng/ul	100
48) 2,6-Dinitrotoluene	14.602	165	71727	81.143	ng/ul	95
50) Acenaphthylene	14.766	152	379410	78.632	ng/ul	98
51) 3-Nitroaniline	14.937	138	57283	71.822	ng/ul	97
52) Acenaphthene	15.107	153	266401	78.939	ng/ul	97
53) 2,4-Dinitrophenol	15.136	184	54799	84.567	ng/ul	95
55) 4-Nitrophenol	15.225	109	74620	78.565	ng/ul	95
56) Dibenzofuran	15.436	168	395107	76.588	ng/ul	100
57) 2,4-Dinitrotoluene	15.389	165	101824	74.719	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.653	232	104396	79.554	ng/ul#	97
59) Diethylphthalate	15.830	149	333204	74.994	ng/ul	99
61) Fluorene	16.082	166	316421	77.024	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.059	204	191323	77.626	ng/ul	95
63) 4-Nitroaniline	16.094	138	58181	73.534	ng/ul	99
66) 4,6-Dinitro-2-methylph...	16.153	198	73939	83.065	ng/ul#	99
67) N-Nitrosodiphenylamine	16.270	169	281664	81.499	ng/ul	94
68) 4-Bromophenyl-phenylether	16.958	248	134737	84.408	ng/ul	98
69) Hexachlorobenzene	17.087	284	140098	80.907	ng/ul	96
70) Atrazine	17.210	200	121051	77.903	ng/ul	98
71) Pentachlorophenol	17.422	266	86341	84.591	ng/ul	97
72) Phenanthrene	17.827	178	555393	80.192	ng/ul	98
74) Anthracene	17.916	178	553549	78.458	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.850	216	164637	89.261	ng/uL	96
76) Pentachlorobenzene	15.354	250	165540	85.965	ng/uL	98
77) Carbazole	18.180	167	472703	78.950	ng/ul	98
78) Di-n-butylphthalate	18.703	149	536420	77.454	ng/ul	99
80) Fluoranthene	19.813	202	701531	80.892	ng/ul	99
82) Pyrene	20.178	202	687264	79.140	ng/ul	100
83) Butylbenzylphthalate	21.035	149	239917	83.301	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.987	252	219760	75.949	ng/ul	98
85) Benzo(a)anthracene	22.093	228	699440	80.100	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.946	149	339137	82.397	ng/ul	97
87) Chrysene	22.163	228	650653	80.409	ng/ul	98
89) Di-n-octyl phthalate	23.274	149	573038	80.134	ng/ul	100
90) Benzo(b)fluoranthene	24.537	252	724894	80.761	ng/ul	99
91) Benzo(k)fluoranthene	24.614	252	683420	79.257	ng/ul	97
93) Benzo(a)pyrene	25.518	252	611632	79.754	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.802	276	850283	81.135	ng/ul	98
95) Dibenzo(a,h)anthracene	29.878	278	696539	80.528	ng/ul#	99
96) Benzo(g,h,i)perylene	31.106	276	677152	80.570	ng/ul	95

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

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