Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
Data File : BG056869.D
Acq On : 7 Mar 2023 13:14
Operator : CG/JU
Sample : SSTD02067
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 23:21:20 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 :
SSTD020423

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	12753	20.000	ng/ul	0.00
20) Naphthalene-d8	11.264	136	54712	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.036	164	44292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.780	188	126477	20.000	ng/ul	0.00
79) Chrysene-d12	22.110	240	122737	20.000	ng/ul	0.00
88) Perylene-d12	25.665	264	132691	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.697	96	3128	9.512	ng/uL	0.00
4) Pyridine-d5	4.131	84	22229	20.417	ng/ul	0.00
7) Phenol-d5	7.539	99	26432	20.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	17575	21.407	ng/ul	0.00
11) 2-Chlorophenol-d4	7.939	132	17785	21.741	ng/ul	0.00
15) 4-Methylphenol-d8	9.108	113	20585	20.872	ng/ul	0.00
21) Nitrobenzene-d5	9.596	128	9104	20.062	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	11675	21.748	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.865	165	21662	20.832	ng/ul	0.00
31) 4-Chloroaniline-d4	11.388	131	29268	21.361	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	80951	21.367	ng/ul	0.00
49) Acenaphthylene-d8	14.737	160	86869	20.883	ng/ul	0.00
54) 4-Nitrophenol-d4	15.201	143	14334	22.328	ng/ul	0.00
60) Fluorene-d10	16.023	176	76373	21.739	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	18729	20.490	ng/ul	0.00
73) Anthracene-d10	17.880	188	127862	20.917	ng/ul	0.00
81) Pyrene-d10	20.142	212	157704	21.095	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.418	264	150465	20.709	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.732	88	3353	9.149	ng/uL	100
5) Pyridine	4.155	79	23704	20.650	ng/ul	100
6) Benzaldehyde	7.545	77	16968	24.662	ng/ul	100
8) Phenol	7.569	94	26102	19.587	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.815	93	19388	20.710	ng/ul	100
12) 2-Chlorophenol	7.974	128	18165	21.612	ng/ul	100
13) 2-Methylphenol	8.849	108	20472	20.896	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.943	45	27413	21.310	ng/ul	100
16) Acetophenone	9.249	105	35710	21.157	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.220	70	20608	20.992	ng/ul	100
18) 4-Methylphenol	9.173	108	21284	20.015	ng/ul	100
19) Hexachloroethane	9.525	117	7763	22.365	ng/ul	100
22) Nitrobenzene	9.637	77	30508	21.545	ng/ul	100
23) Isophorone	10.160	82	58657	21.219	ng/ul	100
25) 2-Nitrophenol	10.359	139	12049	21.467	ng/ul	100
26) 2,4-Dimethylphenol	10.395	107	25500	20.724	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.636	93	28131	20.906	ng/ul	100
29) 2,4-Dichlorophenol	10.894	162	21173	21.120	ng/ul	100
30) Naphthalene	11.317	128	62803	20.780	ng/ul	100
32) 4-Chloroaniline	11.405	127	28292	21.075	ng/ul	100
33) Hexachlorobutadiene	11.587	225	16478	20.886	ng/ul	100
34) Caprolactam	12.146	113	8187m	22.252	ng/ul	
35) 4-Chloro-3-methylphenol	12.492	107	24902	21.395	ng/ul	100
36) 2-Methylnaphthalene	12.892	142	46496	21.388	ng/ul	100

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37) 1-Methylnaphthalene	13.103	142	46599	21.453	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.250	216	33803	20.653	ng/ul	100
40) Hexachlorocyclopentadiene	13.227	237	21729	19.525	ng/ul	100
41) 2,4,6-Trichlorophenol	13.473	196	22453	21.066	ng/ul	100
42) 2,4,5-Trichlorophenol	13.550	196	25750	21.704	ng/ul	100
43) 1,1'-Biphenyl	13.873	154	71233	21.474	ng/ul	100
44) 2-Chloronaphthalene	13.926	162	56805	20.768	ng/ul	100
45) 2-Nitroaniline	14.114	65	21579	21.396	ng/ul	100
47) Dimethylphthalate	14.466	163	81964	21.402	ng/ul	100
48) 2,6-Dinitrotoluene	14.596	165	16583	21.532	ng/ul	100
50) Acenaphthylene	14.766	152	90044	21.419	ng/ul	100
51) 3-Nitroaniline	14.925	138	16184	23.291	ng/ul	100
52) Acenaphthene	15.101	153	61871	21.043	ng/ul	100
53) 2,4-Dinitrophenol	15.130	184	11403	20.198	ng/ul	100
55) 4-Nitrophenol	15.213	109	18378	22.209	ng/ul	100
56) Dibenzofuran	15.430	168	96955	21.571	ng/ul	100
57) 2,4-Dinitrotoluene	15.377	165	25826	21.752	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.647	232	24830	21.718	ng/ul	100
59) Diethylphthalate	15.818	149	83300	21.519	ng/ul	100
61) Fluorene	16.076	166	76852	21.472	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.059	204	45873	21.363	ng/ul	100
63) 4-Nitroaniline	16.082	138	16714	24.247	ng/ul	100
66) 4,6-Dinitro-2-methylph...	16.141	198	17854	20.409	ng/ul	100
67) N-Nitrosodiphenylamine	16.270	169	70684	20.811	ng/ul	100
68) 4-Bromophenyl-phenylether	16.952	248	33036	21.059	ng/ul	100
69) Hexachlorobenzene	17.081	284	36454	21.421	ng/ul	100
70) Atrazine	17.198	200	32888	21.536	ng/ul	100
71) Pentachlorophenol	17.422	266	20983m	20.918	ng/ul	
72) Phenanthrene	17.821	178	142543	20.942	ng/ul	100
74) Anthracene	17.909	178	145265	20.950	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.849	216	36948	20.383	ng/uL	100
76) Pentachlorobenzene	15.354	250	39727	20.992	ng/uL	100
77) Carbazole	18.174	167	124795	21.208	ng/ul	100
78) Di-n-butylphthalate	18.703	149	141682	20.816	ng/ul	100
80) Fluoranthene	19.807	202	188317	21.132	ng/ul	100
82) Pyrene	20.171	202	186715	20.924	ng/ul	100
83) Butylbenzylphthalate	21.035	149	62025	20.958	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.981	252	66303	22.300	ng/ul	100
85) Benzo(a)anthracene	22.087	228	186496	20.785	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.946	149	87156	20.608	ng/ul	100
87) Chrysene	22.157	228	173272	20.839	ng/ul	100
89) Di-n-octyl phthalate	23.268	149	150132	20.775	ng/ul	100
90) Benzo(b)fluoranthene	24.525	252	186518	20.563	ng/ul	100
91) Benzo(k)fluoranthene	24.596	252	185198	21.253	ng/ul	100
93) Benzo(a)pyrene	25.495	252	161592	20.851	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.772	276	220094	20.782	ng/ul	100
95) Dibenzo(a,h)anthracene	29.848	278	181906	20.811	ng/ul	100
96) Benzo(g,h,i)perylene	31.047	276	178242m	20.986	ng/ul	

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

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