Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
Data File : BG052945.D
Acq On : 30 Mar 2022 12:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 00:51:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 31 00:50:49 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020554

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	23912	20.000	ng/ul	0.00
20) Naphthalene-d8	10.943	136	103969	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.755	164	84362	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.493	188	220742	20.000	ng/ul	0.00
79) Chrysene-d12	21.781	240	235877	20.000	ng/ul	# 0.00
88) Perylene-d12	25.083	264	254830	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	5357m	7.913	ng/uL	0.00
4) Pyridine-d5	3.964	84	32717	19.359	ng/ul	0.00
7) Phenol-d5	7.277	99	44343	20.705	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.448	67	28674	21.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.659	132	30121	20.713	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	33751	21.755	ng/ul	0.00
21) Nitrobenzene-d5	9.292	128	16697	22.310	ng/ul	0.00
24) 2-Nitrophenol-d4	10.021	143	18474	23.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.555	165	35400	20.614	ng/ul	0.00
31) 4-Chloroaniline-d4	11.072	131	49263	21.705	ng/ul	0.00
46) Dimethylphthalate-d6	14.150	166	137708	21.248	ng/ul	0.00
49) Acenaphthylene-d8	14.444	160	156882	19.920	ng/ul	0.00
54) 4-Nitrophenol-d4	14.926	143	23974	22.001	ng/ul	0.00
60) Fluorene-d10	15.742	176	120517	21.178	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.848	200	24765	22.046	ng/ul	0.00
73) Anthracene-d10	17.593	188	203858	19.832	ng/ul	0.00
81) Pyrene-d10	19.878	212	264443	20.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.859	264	265798	20.186	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	6566	7.916	ng/uL#	85
5) Pyridine	3.982	79	34749	19.029	ng/ul#	84
6) Benzaldehyde	7.265	77	33275m	23.371	ng/ul	
8) Phenol	7.307	94	44774	21.692	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.542	93	33006	21.196	ng/ul	95
12) 2-Chlorophenol	7.694	128	31088	20.923	ng/ul#	88
13) 2-Methylphenol	8.564	108	35149	21.910	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.658	45	56503	22.324	ng/ul#	95
16) Acetophenone	8.951	105	57572	23.787	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.928	70	33514	23.753	ng/ul	98
18) 4-Methylphenol	8.887	108	36868	22.058	ng/ul	86
19) Hexachloroethane	9.227	117	14402	21.847	ng/ul	90
22) Nitrobenzene	9.333	77	48903	22.363	ng/ul#	95
23) Isophorone	9.856	82	91526	21.896	ng/ul	96
25) 2-Nitrophenol	10.050	139	19021	23.237	ng/ul	97
26) 2,4-Dimethylphenol	10.103	107	44550	21.964	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.338	93	48064	20.677	ng/ul	97
29) 2,4-Dichlorophenol	10.584	162	33948	20.332	ng/ul	96
30) Naphthalene	10.996	128	112020	20.820	ng/ul	99
32) 4-Chloroaniline	11.096	127	48334	21.672	ng/ul	99
33) Hexachlorobutadiene	11.289	225	27845	20.420	ng/ul	93
34) Caprolactam	11.836	113	13492m	26.830	ng/ul	
35) 4-Chloro-3-methylphenol	12.206	107	43302	23.908	ng/ul	89
36) 2-Methylnaphthalene	12.594	142	83172	21.904	ng/ul	98

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37) 1-Methylnaphthalene	12.805	142	83138	21.628	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.958	216	53012	19.011	ng/ul	98
40) Hexachlorocyclopentadiene	12.940	237	32095	16.626	ng/ul	89
41) 2,4,6-Trichlorophenol	13.187	196	34643	20.331	ng/ul	97
42) 2,4,5-Trichlorophenol	13.257	196	38908	21.145	ng/ul	96
43) 1,1'-Biphenyl	13.586	154	119734	19.861	ng/ul	98
44) 2-Chloronaphthalene	13.633	162	93058	19.278	ng/ul	96
45) 2-Nitroaniline	13.821	65	33779	23.872	ng/ul	93
47) Dimethylphthalate	14.197	163	129251	20.898	ng/ul	99
48) 2,6-Dinitrotoluene	14.315	165	24532	21.896	ng/ul#	84
50) Acenaphthylene	14.473	152	158747	20.871	ng/ul	97
51) 3-Nitroaniline	14.644	138	29035	25.674	ng/ul	89
52) Acenaphthene	14.814	153	101943	20.516	ng/ul	98
53) 2,4-Dinitrophenol	14.843	184	16033	23.035	ng/ul#	72
55) 4-Nitrophenol	14.937	109	27508	23.987	ng/ul	99
56) Dibenzofuran	15.149	168	154349	20.953	ng/ul	98
57) 2,4-Dinitrotoluene	15.102	165	37265	23.442	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.372	232	37358	22.524	ng/ul#	97
59) Diethylphthalate	15.554	149	137850	22.007	ng/ul	99
61) Fluorene	15.795	166	127513	20.883	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.783	204	67659	20.824	ng/ul	91
63) 4-Nitroaniline	15.801	138	29200m	26.256	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.866	198	24278	22.089	ng/ul	97
67) N-Nitrosodiphenylamine	15.995	169	116275	19.482	ng/ul	96
68) 4-Bromophenyl-phenylether	16.682	248	49011	22.424	ng/ul	92
69) Hexachlorobenzene	16.805	284	56194	19.903	ng/ul#	91
70) Atrazine	16.935	200	52285	21.376	ng/ul	96
71) Pentachlorophenol	17.140	266	32773m	19.089	ng/ul	
72) Phenanthrene	17.540	178	236262	20.393	ng/ul	98
74) Anthracene	17.628	178	236689	20.435	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	58319	17.739	ng/uL	98
76) Pentachlorobenzene	15.073	250	60133	19.064	ng/uL	97
77) Carbazole	17.892	167	215099	21.013	ng/ul	96
78) Di-n-butylphthalate	18.444	149	251620	20.671	ng/ul	97
80) Fluoranthene	19.543	202	317280	20.404	ng/ul	98
82) Pyrene	19.901	202	312788	20.238	ng/ul	98
83) Butylbenzylphthalate	20.782	149	113525	21.126	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.669	252	114644	21.685	ng/ul	91
85) Benzo(a)anthracene	21.758	228	307978	20.230	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.658	149	159107	21.377	ng/ul	98
87) Chrysene	21.828	228	290490	20.005	ng/ul	99
89) Di-n-octyl phthalate	22.897	149	267092	20.123	ng/ul	100
90) Benzo(b)fluoranthene	24.037	252	317904	19.320	ng/ul	97
91) Benzo(k)fluoranthene	24.101	252	301580	19.859	ng/ul#	98
93) Benzo(a)pyrene	24.924	252	305959	19.694	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.860	276	366904	20.883	ng/ul	98
95) Dibenzo(a,h)anthracene	28.930	278	313448	20.990	ng/ul	99
96) Benzo(g,h,i)perylene	30.035	276	308661	20.782	ng/ul	98

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

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