Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032322\
Data File : BG052791.D
Acq On : 23 Mar 2022 10:34
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 13:16:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020542

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

03/23/2022
Supervised By :mohammad ahmed

03/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	30452	20.000	ng/ul	0.00
20) Naphthalene-d8	10.960	136	127604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.761	164	98833	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	247764	20.000	ng/ul	0.00
79) Chrysene-d12	21.792	240	247463	20.000	ng/ul	0.00
88) Perylene-d12	25.106	264	256509	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	5618	6.517	ng/uL	0.00
4) Pyridine-d5	3.975	84	39044	18.141	ng/ul	0.00
7) Phenol-d5	7.283	99	54646	20.036	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.459	67	35387	21.243	ng/ul	0.00
11) 2-Chlorophenol-d4	7.676	132	38637	20.863	ng/ul	0.00
15) 4-Methylphenol-d8	8.833	113	40295	20.395	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	19812	21.569	ng/ul	0.00
24) 2-Nitrophenol-d4	10.026	143	22898	23.635	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	44885	21.296	ng/ul	0.00
31) 4-Chloroaniline-d4	11.077	131	58078	20.849	ng/ul	0.00
46) Dimethylphthalate-d6	14.162	166	159135	20.959	ng/ul	0.00
49) Acenaphthylene-d8	14.455	160	183730	19.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.931	143	29652	23.228	ng/ul	0.00
60) Fluorene-d10	15.754	176	133931	20.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	26851	21.296	ng/ul	0.00
73) Anthracene-d10	17.604	188	226706	19.650	ng/ul	0.00
81) Pyrene-d10	19.883	212	281471	20.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.876	264	265718	20.048	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	7064m	6.688	ng/uL	
5) Pyridine	3.993	79	43152	18.555	ng/ul	92
6) Benzaldehyde	7.271	77	40876	22.544	ng/ul	93
8) Phenol	7.312	94	55077	20.952	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.553	93	39798	20.069	ng/ul	95
12) 2-Chlorophenol	7.706	128	38483	20.338	ng/ul	93
13) 2-Methylphenol	8.575	108	43175	21.133	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.663	45	67968	21.086	ng/ul	96
16) Acetophenone	8.963	105	67007	21.740	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.945	70	40132	22.334	ng/ul#	97
18) 4-Methylphenol	8.898	108	45888	21.559	ng/ul	93
19) Hexachloroethane	9.239	117	17570	20.928	ng/ul	94
22) Nitrobenzene	9.345	77	58174	21.675	ng/ul#	92
23) Isophorone	9.867	82	109917	21.426	ng/ul	99
25) 2-Nitrophenol	10.061	139	23205	23.097	ng/ul	93
26) 2,4-Dimethylphenol	10.114	107	52984	21.284	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.349	93	57635	20.202	ng/ul	97
29) 2,4-Dichlorophenol	10.596	162	41971	20.481	ng/ul	97
30) Naphthalene	11.007	128	132649	20.088	ng/ul	98
32) 4-Chloroaniline	11.101	127	56459	20.626	ng/ul	98
33) Hexachlorobutadiene	11.301	225	34554	20.647	ng/ul	95
34) Caprolactam	11.853	113	15718m	25.467	ng/ul	
35) 4-Chloro-3-methylphenol	12.211	107	49809	22.407	ng/ul	91
36) 2-Methylnaphthalene	12.605	142	98878	21.217	ng/ul	95

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37) 1-Methylnaphthalene	12.822	142	99293	21.046	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.969	216	63572	19.460	ng/ul	94
40) Hexachlorocyclopentadiene	12.951	237	40722	18.006	ng/ul	97
41) 2,4,6-Trichlorophenol	13.198	196	41483	20.781	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	44926	20.841	ng/ul	97
43) 1,1'-Biphenyl	13.598	154	138338	19.588	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	109358	19.337	ng/ul	97
45) 2-Nitroaniline	13.833	65	39112	23.594	ng/ul	90
47) Dimethylphthalate	14.209	163	149610	20.648	ng/ul	98
48) 2,6-Dinitrotoluene	14.326	165	29532	22.499	ng/ul	93
50) Acenaphthylene	14.485	152	177089	19.874	ng/ul	99
51) 3-Nitroaniline	14.655	138	32551	24.569	ng/ul#	90
52) Acenaphthene	14.825	153	117165	20.127	ng/ul	99
53) 2,4-Dinitrophenol	14.855	184	21271	26.086	ng/ul#	69
55) 4-Nitrophenol	14.949	109	31740	23.625	ng/ul	96
56) Dibenzofuran	15.160	168	177068	20.518	ng/ul	98
57) 2,4-Dinitrotoluene	15.107	165	42923	23.048	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.383	232	42656	21.952	ng/ul#	93
59) Diethylphthalate	15.571	149	155754	21.225	ng/ul	99
61) Fluorene	15.806	166	144352	20.179	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.795	204	79002	20.755	ng/ul	97
63) 4-Nitroaniline	15.812	138	34747	26.669	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.871	198	27076	21.948	ng/ul#	86
67) N-Nitrosodiphenylamine	16.006	169	133807	19.974	ng/ul	94
68) 4-Bromophenyl-phenylether	16.693	248	57984	23.636	ng/ul	96
69) Hexachlorobenzene	16.817	284	62440	19.704	ng/ul	95
70) Atrazine	16.952	200	59602	21.710	ng/ul	94
71) Pentachlorophenol	17.157	266	39083	20.281	ng/ul	93
72) Phenanthrene	17.551	178	262789	20.209	ng/ul	99
74) Anthracene	17.639	178	260564	20.043	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.568	216	67615	18.323	ng/uL	98
76) Pentachlorobenzene	15.084	250	66437	18.766	ng/uL	98
77) Carbazole	17.904	167	241186	20.992	ng/ul	99
78) Di-n-butylphthalate	18.462	149	284593	20.830	ng/ul	99
80) Fluoranthene	19.554	202	341658	20.943	ng/ul	99
82) Pyrene	19.913	202	335049	20.663	ng/ul	98
83) Butylbenzylphthalate	20.794	149	120634	21.398	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.681	252	121661	21.935	ng/ul	99
85) Benzo(a)anthracene	21.775	228	320547	20.070	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.675	149	167131	21.404	ng/ul	98
87) Chrysene	21.839	228	302172	19.835	ng/ul	99
89) Di-n-octyl phthalate	22.920	149	286808	21.467	ng/ul	100
90) Benzo(b)fluoranthene	24.054	252	323823	19.551	ng/ul	98
91) Benzo(k)fluoranthene	24.119	252	312615m	20.450	ng/ul	
93) Benzo(a)pyrene	24.953	252	311328	19.909	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.895	276	365819	20.685	ng/ul	98
95) Dibenzo(a,h)anthracene	28.965	278	310167	20.634	ng/ul	96
96) Benzo(g,h,i)perylene	30.081	276	309157	20.679	ng/ul	99

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

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