Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012422\
Data File : BG052121.D
Acq On : 24 Jan 2022 11:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020502

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 24 23:58:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	29241	20.000	ng/ul	0.00
20) Naphthalene-d8	11.083	136	126010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.890	164	92441	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	214056	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	204036	20.000	ng/ul	# 0.00
88) Perylene-d12	25.452	264	211026	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	6145	7.509	ng/uL	0.00
4) Pyridine-d5	3.999	84	49016	19.269	ng/ul	0.00
7) Phenol-d5	7.388	99	60185	21.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	36162	19.905	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.776	132	41673	21.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.951	113	47287	21.255	ng/ul	0.00
21) Nitrobenzene-d5	9.415	128	22482	22.579	ng/ul	0.00
24) 2-Nitrophenol-d4	10.149	143	24175	21.953	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	49656	23.069	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	61671	20.573	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	149851	19.612	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	194207	21.041	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	22425	17.554	ng/ul	0.00
60) Fluorene-d10	15.877	176	136358	20.468	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	22696	16.807	ng/ul	0.00
73) Anthracene-d10	17.739	188	214999	21.173	ng/ul	0.00
81) Pyrene-d10	20.018	212	256779	21.867	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.205	264	237558	21.384	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.611	88	6881	7.288	ng/uL#	91
5) Pyridine	4.016	79	50600	18.986	ng/ul	95
6) Benzaldehyde	7.365	77	41618	21.861	ng/ul	92
8) Phenol	7.412	94	61802	21.157	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.647	93	42969	20.095	ng/ul	99
12) 2-Chlorophenol	7.805	128	43055	22.336	ng/ul	94
13) 2-Methylphenol	8.687	108	45045	21.206	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.769	45	64277	19.708	ng/ul#	96
16) Acetophenone	9.068	105	70408	20.052	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.045	70	41738	19.457	ng/ul	96
18) 4-Methylphenol	9.016	108	49395	21.467	ng/ul	80
19) Hexachloroethane	9.350	117	17118	20.569	ng/ul	88
22) Nitrobenzene	9.456	77	61508	19.916	ng/ul#	92
23) Isophorone	9.985	82	112614	19.287	ng/ul#	99
25) 2-Nitrophenol	10.185	139	25328	20.928	ng/ul	93
26) 2,4-Dimethylphenol	10.232	107	56414	21.483	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.461	93	60819	20.231	ng/ul	94
29) 2,4-Dichlorophenol	10.725	162	46405	21.952	ng/ul	98
30) Naphthalene	11.136	128	149124	21.839	ng/ul	98
32) 4-Chloroaniline	11.230	127	63860	20.904	ng/ul	100
33) Hexachlorobutadiene	11.424	225	36412	21.609	ng/ul	96
34) Caprolactam	11.976	113	16115	19.587	ng/ul	100
35) 4-Chloro-3-methylphenol	12.346	107	53363	21.863	ng/ul	91
36) 2-Methylnaphthalene	12.728	142	107111	22.022	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.946	142	109625	21.961	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.092	216	69711	21.807	ng/ul	98
40) Hexachlorocyclopentadiene	13.075	237	36966	16.853	ng/ul	99
41) 2,4,6-Trichlorophenol	13.327	196	42629	21.099	ng/ul	87
42) 2,4,5-Trichlorophenol	13.404	196	47323	21.727	ng/ul	99
43) 1,1'-Biphenyl	13.721	154	150273	21.057	ng/ul	97
44) 2-Chloronaphthalene	13.774	162	118829	21.500	ng/ul	96
45) 2-Nitroaniline	13.962	65	41908	19.785	ng/ul	92
47) Dimethylphthalate	14.326	163	145065	19.254	ng/ul	99
48) 2,6-Dinitrotoluene	14.449	165	32591	20.516	ng/ul	98
50) Acenaphthylene	14.614	152	192884	21.222	ng/ul	97
51) 3-Nitroaniline	14.778	138	31772	22.110	ng/ul	92
52) Acenaphthene	14.955	153	129000	21.347	ng/ul	94
53) 2,4-Dinitrophenol	14.990	184	17066	18.222	ng/ul#	82
55) 4-Nitrophenol	15.084	109	23810	16.242	ng/ul	84
56) Dibenzofuran	15.284	168	182010	20.738	ng/ul	98
57) 2,4-Dinitrotoluene	15.237	165	44822	19.516	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.513	232	41096	20.342	ng/ul#	86
59) Diethylphthalate	15.683	149	151223	19.454	ng/ul	96
61) Fluorene	15.936	166	152185	20.808	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.918	204	82517	20.332	ng/ul	95
63) 4-Nitroaniline	15.941	138	29726	20.134	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.006	198	22477	17.410	ng/ul#	96
67) N-Nitrosodiphenylamine	16.129	169	131915	22.934	ng/ul	95
68) 4-Bromophenyl-phenylether	16.817	248	57102	22.787	ng/ul#	86
69) Hexachlorobenzene	16.946	284	63400	22.812	ng/ul#	91
70) Atrazine	17.069	200	55293	20.721	ng/ul	97
71) Pentachlorophenol	17.287	266	31598	20.358	ng/ul	95
72) Phenanthrene	17.680	178	243997	21.754	ng/ul	98
74) Anthracene	17.774	178	244864	21.809	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.697	216	78464	24.407	ng/uL	97
76) Pentachlorobenzene	15.207	250	73080	23.356	ng/uL	97
77) Carbazole	18.039	167	210775	20.834	ng/ul	98
78) Di-n-butylphthalate	18.579	149	244567	20.451	ng/ul	99
80) Fluoranthene	19.683	202	302948	22.325	ng/ul#	89
82) Pyrene	20.042	202	295712	22.133	ng/ul#	88
83) Butylbenzylphthalate	20.917	149	103421	22.243	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.833	252	107937	22.917	ng/ul#	97
85) Benzo(a)anthracene	21.939	228	292268	21.781	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.816	149	145502	21.397	ng/ul#	96
87) Chrysene	22.010	228	277990	21.515	ng/ul	98
89) Di-n-octyl phthalate	23.120	149	250259	21.468	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	306803	21.938	ng/ul#	95
91) Benzo(k)fluoranthene	24.406	252	285988	22.117	ng/ul#	96
93) Benzo(a)pyrene	25.288	252	288513	21.799	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.476	276	330171	21.793	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.541	278	269091	20.998	ng/ul#	92
96) Benzo(g,h,i)perylene	30.727	276	273296m	21.454	ng/ul	

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

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