Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051664.D
Acq On : 19 Dec 2021 15:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020599

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 20 00:12:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	42012	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	172783	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.908	164	125324	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	297279	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.974	240	260879	20.000	ng/ul	#-0.01
88) Perylene-d12	25.470	264	267959	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	7806	7.716	ng/uL	0.00
4) Pyridine-d5	4.022	84	65848	21.544	ng/ul	-0.02
7) Phenol-d5	7.406	99	82950	22.113	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	46077	20.663	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.799	132	58782	22.532	ng/ul	-0.01
15) 4-Methylphenol-d8	8.968	113	62837	21.671	ng/ul	-0.01
21) Nitrobenzene-d5	9.444	128	29929	23.626	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	33371	24.098	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	67113	22.348	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	87267	22.071	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	204799	20.417	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	266762	21.413	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	34373	21.072	ng/ul	0.00
60) Fluorene-d10	15.894	176	185796	20.674	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	31378	20.259	ng/ul	-0.01
73) Anthracene-d10	17.757	188	296521	20.910	ng/ul	0.00
81) Pyrene-d10	20.030	212	332148	21.155	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.223	264	300855	21.339	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	8778	8.314	ng/uL#	92
5) Pyridine	4.046	79	68100	22.209	ng/ul	96
6) Benzaldehyde	7.394	77	58842	25.142	ng/ul	94
8) Phenol	7.429	94	84877	22.756	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.670	93	61292	21.539	ng/ul	93
12) 2-Chlorophenol	7.829	128	61289	22.902	ng/ul	99
13) 2-Methylphenol	8.704	108	60368	21.451	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.798	45	81720	21.172	ng/ul#	91
16) Acetophenone	9.098	105	97260	21.354	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.080	70	56490	20.670	ng/ul	96
18) 4-Methylphenol	9.033	108	65890	22.214	ng/ul	97
19) Hexachloroethane	9.380	117	23842	20.418	ng/ul#	79
22) Nitrobenzene	9.485	77	84001	22.798	ng/ul	96
23) Isophorone	10.014	82	157183	21.249	ng/ul	97
25) 2-Nitrophenol	10.208	139	36790	24.854	ng/ul	99
26) 2,4-Dimethylphenol	10.255	107	77455	21.718	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.490	93	82310	20.955	ng/ul	95
29) 2,4-Dichlorophenol	10.748	162	64519	22.580	ng/ul	97
30) Naphthalene	11.160	128	196870	21.149	ng/ul	96
32) 4-Chloroaniline	11.259	127	87558	21.687	ng/ul	99
33) Hexachlorobutadiene	11.453	225	48199	19.869	ng/ul	97
34) Caprolactam	12.000	113	22340m	25.825	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	73555	22.975	ng/ul	91
36) 2-Methylnaphthalene	12.752	142	145110	21.851	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.969	142	144111	20.899	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.116	216	92287	21.171	ng/ul#	97
40)	Hexachlorocyclopentadiene	13.098	237	54154	17.110	ng/ul	98
41)	2,4,6-Trichlorophenol	13.345	196	60858	23.062	ng/ul	97
42)	2,4,5-Trichlorophenol	13.415	196	65279	23.604	ng/ul	99
43)	1,1'-Biphenyl	13.744	154	199723	20.805	ng/ul#	96
44)	2-Chloronaphthalene	13.791	162	159887	21.543	ng/ul	98
45)	2-Nitroaniline	13.979	65	56504	24.921	ng/ul	92
47)	Dimethylphthalate	14.344	163	204008	20.949	ng/ul	98
48)	2,6-Dinitrotoluene	14.461	165	44344	23.819	ng/ul	91
50)	Acenaphthylene	14.631	152	257095	21.093	ng/ul	97
51)	3-Nitroaniline	14.790	138	44094	24.770	ng/ul	93
52)	Acenaphthene	14.972	153	168183	20.886	ng/ul	97
53)	2,4-Dinitrophenol	14.996	184	25232	23.446	ng/ul#	75
55)	4-Nitrophenol	15.084	109	33787	19.306	ng/ul	92
56)	Dibenzofuran	15.301	168	245408	20.694	ng/ul	97
57)	2,4-Dinitrotoluene	15.248	165	62865	23.825	ng/ul#	94
58)	2,3,4,6-Tetrachlorophenol	15.524	232	56654	21.555	ng/ul#	85
59)	Diethylphthalate	15.701	149	204713	20.179	ng/ul	95
61)	Fluorene	15.953	166	200535	20.523	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.941	204	109221	20.069	ng/ul	92
63)	4-Nitroaniline	15.953	138	43054	23.582	ng/ul	89
66)	4,6-Dinitro-2-methylph...	16.012	198	31719	20.853	ng/ul#	97
67)	N-Nitrosodiphenylamine	16.147	169	175087	21.897	ng/ul	95
68)	4-Bromophenyl-phenylether	16.834	248	75036	24.785	ng/ul#	85
69)	Hexachlorobenzene	16.964	284	82947	21.803	ng/ul#	88
70)	Atrazine	17.087	200	75847	21.139	ng/ul	99
71)	Pentachlorophenol	17.298	266	51535m	22.109	ng/ul	
72)	Phenanthrene	17.698	178	322289	21.078	ng/ul	98
74)	Anthracene	17.792	178	318686	20.631	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.715	216	104270	22.799	ng/uL	97
76)	Pentachlorobenzene	15.225	250	99115	22.670	ng/uL	98
77)	Carbazole	18.050	167	287717	20.800	ng/ul	97
78)	Di-n-butylphthalate	18.597	149	345115	20.732	ng/ul	99
80)	Fluoranthene	19.695	202	394057	21.865	ng/ul#	91
82)	Pyrene	20.059	202	380172	21.315	ng/ul#	89
83)	Butylbenzylphthalate	20.935	149	134784	22.534	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.851	252	136677	22.230	ng/ul#	98
85)	Benzo(a)anthracene	21.957	228	361067	21.273	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.839	149	188327	22.478	ng/ul#	97
87)	Chrysene	22.027	228	344327	20.999	ng/ul	99
89)	Di-n-octyl phthalate	23.149	149	319831	22.160	ng/ul	100
90)	Benzo(b)fluoranthene	24.354	252	370768	20.657	ng/ul#	94
91)	Benzo(k)fluoranthene	24.430	252	349330	20.784	ng/ul#	95
93)	Benzo(a)pyrene	25.305	252	352691	20.821	ng/ul#	93
94)	Indeno(1,2,3-cd)pyrene	29.494	276	405035	21.902	ng/ul#	90
95)	Dibenzo(a,h)anthracene	29.576	278	342160	21.663	ng/ul#	92
96)	Benzo(g,h,i)perylene	30.768	276	337473m	21.534	ng/ul	

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

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