Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051440.D
Acq On : 9 Dec 2021 20:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020583

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 10 00:56:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.188	152	28161	20.000	ng/ul	0.00
20) Naphthalene-d8	11.014	136	127296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.815	164	85152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.571	188	194140	20.000	ng/ul	0.00
79) Chrysene-d12	21.872	240	169236	20.000	ng/ul	0.00
88) Perylene-d12	25.262	264	164175	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	6521	7.604	ng/uL	0.00
4) Pyridine-d5	3.969	84	42130	17.109	ng/ul	0.00
7) Phenol-d5	7.359	99	52797	18.416	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.500	67	34098	18.547	ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	38103	18.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	41589	18.466	ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	20557	18.616	ng/ul	0.00
24) 2-Nitrophenol-d4	10.091	143	23618	18.901	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	39337	19.351	ng/ul	0.00
31) 4-Chloroaniline-d4	11.161	131	55133	18.543	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	126749	19.237	ng/ul	0.00
49) Acenaphthylene-d8	14.515	160	162659	19.492	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	16674	16.808	ng/ul	0.00
60) Fluorene-d10	15.808	176	113946	19.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	21336	18.494	ng/ul	0.00
73) Anthracene-d10	17.671	188	180702	19.893	ng/ul	0.00
81) Pyrene-d10	19.950	212	205813	20.233	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.027	264	167311	19.758	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	6759	7.064	ng/uL	95
5) Pyridine	3.992	79	45569	17.728	ng/ul	94
6) Benzaldehyde	7.330	77	39285	21.555	ng/ul	97
8) Phenol	7.388	94	55466	18.902	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.594	93	42171	18.763	ng/ul	98
12) 2-Chlorophenol	7.753	128	39398	18.857	ng/ul	98
13) 2-Methylphenol	8.646	108	41560	19.023	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.699	45	63591	18.802	ng/ul#	96
16) Acetophenone	9.022	105	66752	19.141	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.987	70	39509	18.898	ng/ul	98
18) 4-Methylphenol	8.981	108	43560	18.980	ng/ul	94
19) Hexachloroethane	9.269	117	17075	18.901	ng/ul	94
22) Nitrobenzene	9.410	77	56305	18.742	ng/ul	99
23) Isophorone	9.927	82	108447	18.802	ng/ul	100
25) 2-Nitrophenol	10.126	139	23894	19.096	ng/ul	96
26) 2,4-Dimethylphenol	10.179	107	49697	18.756	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.403	93	58628	18.769	ng/ul	99
29) 2,4-Dichlorophenol	10.679	162	37923	19.028	ng/ul	95
30) Naphthalene	11.061	128	133734	19.131	ng/ul	98
32) 4-Chloroaniline	11.184	127	56186	18.786	ng/ul	97
33) Hexachlorobutadiene	11.325	225	24974	18.371	ng/ul	96
34) Caprolactam	11.977	113	15020m	18.187	ng/ul	
35) 4-Chloro-3-methylphenol	12.312	107	47118	19.033	ng/ul	98
36) 2-Methylnaphthalene	12.653	142	88114	18.902	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.870	142	92842	19.349	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.023	216	51320	19.356	ng/ul	99
40) Hexachlorocyclopentadiene	12.982	237	28799	20.512	ng/ul	92
41) 2,4,6-Trichlorophenol	13.270	196	32657	19.066	ng/ul	94
42) 2,4,5-Trichlorophenol	13.364	196	34587	18.862	ng/ul	99
43) 1,1'-Biphenyl	13.652	154	121561	19.095	ng/ul	97
44) 2-Chloronaphthalene	13.705	162	97757	19.572	ng/ul	98
45) 2-Nitroaniline	13.922	65	35830	18.978	ng/ul	93
47) Dimethylphthalate	14.257	163	128508	19.352	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	27467	19.547	ng/ul	90
50) Acenaphthylene	14.545	152	160443	19.484	ng/ul	99
51) 3-Nitroaniline	14.745	138	27006	19.957	ng/ul	99
52) Acenaphthene	14.880	153	105068	19.447	ng/ul	97
53) 2,4-Dinitrophenol	14.974	184	15640m	21.522	ng/ul	
55) 4-Nitrophenol	15.085	109	24488m	24.814	ng/ul	
56) Dibenzofuran	15.215	168	147939	19.313	ng/ul	99
57) 2,4-Dinitrotoluene	15.197	165	38835	19.335	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.455	232	27296	19.646	ng/ul	99
59) Diethylphthalate	15.614	149	136228	19.008	ng/ul	99
61) Fluorene	15.867	166	120077	19.356	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.843	204	62142	19.081	ng/ul	98
63) 4-Nitroaniline	15.914	138	25682	21.380	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.967	198	20569	18.338	ng/ul	97
67) N-Nitrosodiphenylamine	16.067	169	107443	19.853	ng/ul	97
68) 4-Bromophenyl-phenylether	16.742	248	38765	19.775	ng/ul	93
69) Hexachlorobenzene	16.866	284	38991	19.514	ng/ul	96
70) Atrazine	17.007	200	44632	19.113	ng/ul	99
71) Pentachlorophenol	17.230	266	19269m	22.276	ng/ul	
72) Phenanthrene	17.612	178	204966	19.595	ng/ul	99
74) Anthracene	17.706	178	205790	19.653	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.622	216	53798	19.817	ng/uL	97
76) Pentachlorobenzene	15.132	250	49230	20.029	ng/uL	99
77) Carbazole	17.982	167	183182	19.653	ng/ul	98
78) Di-n-butylphthalate	18.499	149	239351	19.153	ng/ul	99
80) Fluoranthene	19.615	202	253653	20.253	ng/ul	97
82) Pyrene	19.980	202	247212	20.114	ng/ul	97
83) Butylbenzylphthalate	20.832	149	101784	18.988	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.760	252	68553	19.182	ng/ul	97
85) Benzo(a)anthracene	21.848	228	218155	19.514	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.701	149	145285	19.513	ng/ul	97
87) Chrysene	21.919	228	209735	19.676	ng/ul	99
89) Di-n-octyl phthalate	22.958	149	243045	20.130	ng/ul	100
90) Benzo(b)fluoranthene	24.175	252	209905	19.464	ng/ul	99
91) Benzo(k)fluoranthene	24.251	252	204643	20.375	ng/ul	99
93) Benzo(a)pyrene	25.109	252	202004	19.666	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.186	276	218306	19.151	ng/ul	97
95) Dibenzo(a,h)anthracene	29.233	278	181896	18.929	ng/ul	97
96) Benzo(g,h,i)perylene	30.414	276	180017	18.883	ng/ul	96

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

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