Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051321.D
Acq On : 3 Dec 2021 3:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020572

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 03 11:18:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	29679	20.000	ng/ul	0.00
20) Naphthalene-d8	11.019	136	139193	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.827	164	91573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.576	188	201723	20.000	ng/ul	0.00
79) Chrysene-d12	21.877	240	184004	20.000	ng/ul	0.00
88) Perylene-d12	25.279	264	183695	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	6226	7.290	ng/uL	-0.02
4) Pyridine-d5	3.963	84	49634	19.805	ng/ul	-0.02
7) Phenol-d5	7.353	99	57241	19.514	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	37203	20.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	41677	19.731	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	45427	19.191	ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	22270	18.953	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	26244	19.800	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.643	165	43806	19.479	ng/ul	0.00
31) 4-Chloroaniline-d4	11.160	131	62090	18.869	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	135038	19.165	ng/ul	0.00
49) Acenaphthylene-d8	14.521	160	175729	19.778	ng/ul	0.00
54) 4-Nitrophenol-d4	15.050	143	18011	15.792	ng/ul	0.00
60) Fluorene-d10	15.814	176	121588	19.163	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	19542	15.699	ng/ul	0.00
73) Anthracene-d10	17.676	188	188213	19.509	ng/ul	0.00
81) Pyrene-d10	19.956	212	218895	19.661	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.044	264	189518	19.318	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	6770	7.029	ng/uL	89
5) Pyridine	3.980	79	52898	20.285	ng/ul	98
6) Benzaldehyde	7.324	77	42034m	22.502	ng/ul	
8) Phenol	7.382	94	59684	19.641	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.600	93	45111	19.623	ng/ul	97
12) 2-Chlorophenol	7.758	128	42497	19.743	ng/ul	100
13) 2-Methylphenol	8.640	108	44366	19.601	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.716	45	66256	19.972	ng/ul	97
16) Acetophenone	9.022	105	71767	19.602	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.992	70	43221	20.543	ng/ul	98
18) 4-Methylphenol	8.969	108	47691	19.705	ng/ul	99
19) Hexachloroethane	9.280	117	17592	19.350	ng/ul	98
22) Nitrobenzene	9.415	77	59872	19.433	ng/ul	97
23) Isophorone	9.926	82	115644	19.320	ng/ul	98
25) 2-Nitrophenol	10.126	139	26197	19.082	ng/ul	98
26) 2,4-Dimethylphenol	10.179	107	55158	19.651	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.408	93	65013	19.674	ng/ul	99
29) 2,4-Dichlorophenol	10.673	162	42079	19.008	ng/ul	98
30) Naphthalene	11.072	128	144011	19.014	ng/ul	97
32) 4-Chloroaniline	11.184	127	62218	18.834	ng/ul	99
33) Hexachlorobutadiene	11.331	225	28110	18.410	ng/ul	98
34) Caprolactam	11.948	113	16734m	19.228	ng/ul	
35) 4-Chloro-3-methylphenol	12.300	107	51321	19.299	ng/ul	93
36) 2-Methylnaphthalene	12.664	142	98346	19.090	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.882	142	100960	19.049	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.029	216	55806	19.412	ng/ul	96
40) Hexachlorocyclopentadiene	12.993	237	21767	18.732	ng/ul	95
41) 2,4,6-Trichlorophenol	13.270	196	34312	19.019	ng/ul	98
42) 2,4,5-Trichlorophenol	13.358	196	36916	19.540	ng/ul	94
43) 1,1'-Biphenyl	13.657	154	135384	19.794	ng/ul	97
44) 2-Chloronaphthalene	13.710	162	106586	19.591	ng/ul	98
45) 2-Nitroaniline	13.916	65	38662	20.532	ng/ul	96
47) Dimethylphthalate	14.263	163	134606	18.874	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	29016	19.368	ng/ul	95
50) Acenaphthylene	14.550	152	172301	19.628	ng/ul	99
51) 3-Nitroaniline	14.738	138	31072	20.983	ng/ul	95
52) Acenaphthene	14.891	153	112777	19.481	ng/ul	96
53) 2,4-Dinitrophenol	14.962	184	13899m	16.785	ng/ul	
55) 4-Nitrophenol	15.067	109	15679	15.847	ng/ul	91
56) Dibenzofuran	15.220	168	160228	19.189	ng/ul	100
57) 2,4-Dinitrotoluene	15.197	165	40768	19.053	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.455	232	26100	17.593	ng/ul	99
59) Diethylphthalate	15.620	149	140180	18.725	ng/ul	99
61) Fluorene	15.872	166	128853	19.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.855	204	66910	18.563	ng/ul	97
63) 4-Nitroaniline	15.902	138	31351m	21.756	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.966	198	18780	15.644	ng/ul#	92
67) N-Nitrosodiphenylamine	16.072	169	114960	19.907	ng/ul	98
68) 4-Bromophenyl-phenylether	16.748	248	40799	18.871	ng/ul	94
69) Hexachlorobenzene	16.877	284	42884	19.453	ng/ul	97
70) Atrazine	17.012	200	47328	19.500	ng/ul	97
71) Pentachlorophenol	17.230	266	14091m	14.425	ng/ul	
72) Phenanthrene	17.617	178	219324	19.692	ng/ul	99
74) Anthracene	17.711	178	217794	19.689	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.634	216	57804	19.645	ng/uL	99
76) Pentachlorobenzene	15.144	250	54001	19.697	ng/uL	98
77) Carbazole	17.982	167	196342	20.222	ng/ul	99
78) Di-n-butylphthalate	18.505	149	247121	19.739	ng/ul	99
80) Fluoranthene	19.621	202	269731	19.725	ng/ul	99
82) Pyrene	19.985	202	265201	19.826	ng/ul	98
83) Butylbenzylphthalate	20.843	149	109650	19.717	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.760	252	84378	19.696	ng/ul	99
85) Benzo(a)anthracene	21.854	228	242631	19.441	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.713	149	157502	19.682	ng/ul	99
87) Chrysene	21.924	228	231077	19.274	ng/ul	99
89) Di-n-octyl phthalate	22.976	149	266880	20.054	ng/ul	100
90) Benzo(b)fluoranthene	24.186	252	237236	19.137	ng/ul	99
91) Benzo(k)fluoranthene	24.257	252	225543	19.388	ng/ul	96
93) Benzo(a)pyrene	25.115	252	231479	19.572	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.186	276	251246	18.984	ng/ul	96
95) Dibenzo(a,h)anthracene	29.245	278	213310	18.998	ng/ul	98
96) Benzo(g,h,i)perylene	30.426	276	209881	18.849	ng/ul	95

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

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