Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051450.D
Acq On : 10 Dec 2021 4:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020584

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/13/2021
Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 10 05:21:43 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	30255	20.000	ng/ul	0.00
20) Naphthalene-d8	11.014	136	133966	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.815	164	89112	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.571	188	218656	20.000	ng/ul	0.00
79) Chrysene-d12	21.871	240	205859	20.000	ng/ul	0.00
88) Perylene-d12	25.262	264	201772	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	6780	7.359	ng/uL	0.00
4) Pyridine-d5	3.969	84	44214	16.712	ng/ul	0.00
7) Phenol-d5	7.359	99	55771	18.107	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.500	67	35802	18.126	ng/ul	0.00
11) 2-Chlorophenol-d4	7.723	132	40917	18.672	ng/ul	0.00
15) 4-Methylphenol-d8	8.916	113	43551	17.999	ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	21261	18.295	ng/ul	0.00
24) 2-Nitrophenol-d4	10.091	143	24726	18.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	40293	18.835	ng/ul	0.00
31) 4-Chloroaniline-d4	11.160	131	56372	18.016	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	140536	20.381	ng/ul	0.00
49) Acenaphthylene-d8	14.515	160	168349	19.277	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	18548	17.866	ng/ul	0.00
60) Fluorene-d10	15.808	176	120969	19.708	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	25184	19.382	ng/ul	0.00
73) Anthracene-d10	17.671	188	204174	19.957	ng/ul	0.00
81) Pyrene-d10	19.950	212	242098	19.566	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.032	264	205849	19.780	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	7237	7.040	ng/uL	96
5) Pyridine	3.987	79	47596	17.235	ng/ul	96
6) Benzaldehyde	7.330	77	40170	20.515	ng/ul	95
8) Phenol	7.388	94	58522	18.563	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.594	93	44078	18.254	ng/ul	98
12) 2-Chlorophenol	7.753	128	41391	18.440	ng/ul	94
13) 2-Methylphenol	8.646	108	43413	18.496	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.699	45	66463	18.292	ng/ul	96
16) Acetophenone	9.022	105	71138	18.987	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.987	70	41695	18.563	ng/ul	99
18) 4-Methylphenol	8.975	108	45893	18.613	ng/ul	97
19) Hexachloroethane	9.263	117	17844	18.385	ng/ul	98
22) Nitrobenzene	9.410	77	59818	18.920	ng/ul	99
23) Isophorone	9.927	82	111687	18.400	ng/ul	99
25) 2-Nitrophenol	10.126	139	25436	19.317	ng/ul	99
26) 2,4-Dimethylphenol	10.179	107	52933	18.982	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.403	93	61498	18.707	ng/ul	99
29) 2,4-Dichlorophenol	10.679	162	40524	19.321	ng/ul	97
30) Naphthalene	11.061	128	139139	18.913	ng/ul	98
32) 4-Chloroaniline	11.184	127	58776	18.674	ng/ul	95
33) Hexachlorobutadiene	11.319	225	26371	18.433	ng/ul	91
34) Caprolactam	11.971	113	16966m	19.521	ng/ul	
35) 4-Chloro-3-methylphenol	12.312	107	49486	18.994	ng/ul	96
36) 2-Methylnaphthalene	12.653	142	93408	19.040	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.876	142	97130	19.235	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.017	216	53145	19.153	ng/ul	97
40) Hexachlorocyclopentadiene	12.982	237	27451	18.683	ng/ul	96
41) 2,4,6-Trichlorophenol	13.270	196	35089	19.576	ng/ul	97
42) 2,4,5-Trichlorophenol	13.364	196	35628	18.566	ng/ul	95
43) 1,1'-Biphenyl	13.652	154	128571	19.299	ng/ul	95
44) 2-Chloronaphthalene	13.705	162	101949	19.504	ng/ul	98
45) 2-Nitroaniline	13.922	65	38845	19.661	ng/ul	93
47) Dimethylphthalate	14.263	163	141334	20.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	30039	20.427	ng/ul	97
50) Acenaphthylene	14.545	152	163238	18.943	ng/ul	99
51) 3-Nitroaniline	14.745	138	31070	21.940	ng/ul	98
52) Acenaphthene	14.880	153	108575	19.203	ng/ul	98
53) 2,4-Dinitrophenol	14.980	184	15998m	21.036	ng/ul	
55) 4-Nitrophenol	15.091	109	24057m	23.294	ng/ul	
56) Dibenzofuran	15.215	168	157178	19.607	ng/ul	100
57) 2,4-Dinitrotoluene	15.197	165	44096	20.978	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.455	232	31162	21.432	ng/ul#	97
59) Diethylphthalate	15.614	149	151910	20.254	ng/ul	99
61) Fluorene	15.861	166	129609	19.964	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.843	204	67020	19.664	ng/ul	98
63) 4-Nitroaniline	15.914	138	28964	23.041	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.967	198	25174	19.928	ng/ul	94
67) N-Nitrosodiphenylamine	16.067	169	119519	19.608	ng/ul	99
68) 4-Bromophenyl-phenylether	16.742	248	41748	18.909	ng/ul	94
69) Hexachlorobenzene	16.871	284	44325	19.696	ng/ul	98
70) Atrazine	17.007	200	49543	18.837	ng/ul	98
71) Pentachlorophenol	17.230	266	21444m	22.011	ng/ul	
72) Phenanthrene	17.612	178	232132	19.704	ng/ul	99
74) Anthracene	17.706	178	233669	19.814	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.622	216	55432	18.129	ng/uL	97
76) Pentachlorobenzene	15.132	250	51839	18.726	ng/uL	97
77) Carbazole	17.982	167	215565	20.534	ng/ul	99
78) Di-n-butylphthalate	18.499	149	278120	19.760	ng/ul	100
80) Fluoranthene	19.615	202	295169	19.375	ng/ul	98
82) Pyrene	19.980	202	294214	19.679	ng/ul	97
83) Butylbenzylphthalate	20.831	149	125399	19.231	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.754	252	81656	18.783	ng/ul	98
85) Benzo(a)anthracene	21.848	228	270580	19.898	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.701	149	176607	19.500	ng/ul	99
87) Chrysene	21.918	228	255884	19.735	ng/ul	99
89) Di-n-octyl phthalate	22.958	149	298468	20.114	ng/ul	100
90) Benzo(b)fluoranthene	24.181	252	258168	19.479	ng/ul	99
91) Benzo(k)fluoranthene	24.245	252	248243	20.110	ng/ul	99
93) Benzo(a)pyrene	25.103	252	247649	19.618	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.186	276	262791	18.758	ng/ul	96
95) Dibenzo(a,h)anthracene	29.233	278	223126	18.893	ng/ul	95
96) Benzo(g,h,i)perylene	30.420	276	214437	18.303	ng/ul	97

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

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