Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050321.D
Acq On : 30 Sep 2021 12:52
Operator : CG/JU
Sample : SSTD01041
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010441

Manual Integrations APPROVED
mohammad
10/1/2021 11:29:45 AM

Quant Time: Sep 30 14:15:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 14:12:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.280	152	45214	20.000	ng/ul	0.00
20) Naphthalene-d8	11.106	136	189310	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.895	164	132835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	310405	20.000	ng/ul	0.00
79) Chrysene-d12	21.946	240	305851	20.000	ng/ul	0.00
88) Perylene-d12	25.377	264	303685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.644	96	4658	4.982	ng/uL	0.00
4) Pyridine-d5	4.067	84	34973	12.411	ng/ul	0.00
7) Phenol-d5	7.404	99	36953	10.294	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.592	67	25023	12.009	ng/ul	0.00
11) 2-Chlorophenol-d4	7.798	132	27018	10.355	ng/ul	0.00
15) 4-Methylphenol-d8	8.967	113	28662	10.135	ng/ul	0.00
21) Nitrobenzene-d5	9.443	128	12433	10.631	ng/ul	0.00
24) 2-Nitrophenol-d4	10.172	143	12690	9.824	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.706	165	26813	8.898	ng/ul	0.00
31) 4-Chloroaniline-d4	11.229	131	39030	9.860	ng/ul	0.00
46) Dimethylphthalate-d6	14.290	166	86852	9.620	ng/ul	0.00
49) Acenaphthylene-d8	14.590	160	112908	9.949	ng/ul	0.00
54) 4-Nitrophenol-d4	15.054	143	15949	10.471	ng/ul	0.00
60) Fluorene-d10	15.882	176	79446	9.611	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	12931	9.833	ng/ul	0.00
73) Anthracene-d10	17.739	188	131162	9.921	ng/ul	0.00
81) Pyrene-d10	20.007	212	159243	9.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.136	264	145579	9.402	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.679	88	5409	4.586	ng/uL	98
5) Pyridine	4.090	79	35906	12.287	ng/ul	98
6) Benzaldehyde	7.410	77	30465	13.370	ng/ul	98
8) Phenol	7.434	94	40677	11.185	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.686	93	30353	11.231	ng/ul	96
12) 2-Chlorophenol	7.833	128	27537	10.014	ng/ul	100
13) 2-Methylphenol	8.703	108	27842	9.813	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.791	45	46394	12.975	ng/ul	96
16) Acetophenone	9.102	105	49030	11.349	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.079	70	28424	11.574	ng/ul#	95
18) 4-Methylphenol	9.026	108	30576	10.580	ng/ul	97
19) Hexachloroethane	9.372	117	11725	9.937	ng/ul	96
22) Nitrobenzene	9.490	77	38743	11.547	ng/ul	93
23) Isophorone	10.013	82	74621	10.544	ng/ul	99
25) 2-Nitrophenol	10.207	139	13668	10.131	ng/ul	97
26) 2,4-Dimethylphenol	10.248	107	35063	9.719	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.489	93	40597	10.508	ng/ul	97
29) 2,4-Dichlorophenol	10.736	162	26709	9.199	ng/ul	93
30) Naphthalene	11.153	128	97745	10.066	ng/ul	97
32) 4-Chloroaniline	11.253	127	39225	9.922	ng/ul	93
33) Hexachlorobutadiene	11.429	225	18966	7.874	ng/ul	88
34) Caprolactam	12.016	113	8981m	9.810	ng/ul	
35) 4-Chloro-3-methylphenol	12.345	107	30550	9.702	ng/ul	96
36) 2-Methylnaphthalene	12.739	142	65214	9.698	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.956	142	66199	9.750	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.097	216	38422	9.187	ng/ul	94
40) Hexachlorocyclopentadiene	13.074	237	24235	8.401	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.327	196	22931	9.298	ng/ul	95
42) 2,4,5-Trichlorophenol	13.397	196	24940	9.400	ng/ul	94
43) 1,1'-Biphenyl	13.732	154	90174	10.007	ng/ul	99
44) 2-Chloronaphthalene	13.779	162	70221	9.849	ng/ul	97
45) 2-Nitroaniline	13.973	65	20925	12.326	ng/ul	93
47) Dimethylphthalate	14.337	163	91151	10.023	ng/ul	100
48) 2,6-Dinitrotoluene	14.461	165	15903	11.047	ng/ul#	89
50) Acenaphthylene	14.619	152	116751	10.183	ng/ul	100
51) 3-Nitroaniline	14.790	138	17671	10.979	ng/ul	98
52) Acenaphthene	14.960	153	75918	10.114	ng/ul	98
53) 2,4-Dinitrophenol	14.989	184	7676	8.421	ng/ul	92
55) 4-Nitrophenol	15.066	109	14653	9.361	ng/ul	86
56) Dibenzofuran	15.289	168	111153	9.896	ng/ul	95
57) 2,4-Dinitrotoluene	15.236	165	22337	10.949	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.506	232	21413	8.971	ng/ul#	98
59) Diethylphthalate	15.689	149	92277	9.870	ng/ul	99
61) Fluorene	15.935	166	87432	9.935	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.924	204	47508	9.590	ng/ul	97
63) 4-Nitroaniline	15.947	138	18439	11.128	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.000	198	12953	9.805	ng/ul#	86
67) N-Nitrosodiphenylamine	16.135	169	77981	9.935	ng/ul	97
68) 4-Bromophenyl-phenylether	16.817	248	28525	8.863	ng/ul	96
69) Hexachlorobenzene	16.934	284	30124	8.447	ng/ul	96
70) Atrazine	17.075	200	31874	9.204	ng/ul	98
71) Pentachlorophenol	17.275	266	16398	7.207	ng/ul	97
72) Phenanthrene	17.680	178	158251	10.273	ng/ul	96
74) Anthracene	17.768	178	157542	10.268	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.697	216	40106	9.089	ng/uL	99
76) Pentachlorobenzene	15.207	250	36280	8.527	ng/uL	99
77) Carbazole	18.033	167	143633	10.581	ng/ul	99
78) Di-n-butylphthalate	18.579	149	162766	10.400	ng/ul	98
80) Fluoranthene	19.678	202	202648	9.653	ng/ul	99
82) Pyrene	20.036	202	205229	9.941	ng/ul	99
83) Butylbenzylphthalate	20.918	149	70258	10.102	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.828	252	65498	9.999	ng/ul	97
85) Benzo(a)anthracene	21.922	228	182197	9.892	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.811	149	99871	10.061	ng/ul	95
87) Chrysene	21.993	228	176160	9.865	ng/ul	97
89) Di-n-octyl phthalate	23.103	149	167023	11.220	ng/ul	100
90) Benzo(b)fluoranthene	24.279	252	180572	10.158	ng/ul	98
91) Benzo(k)fluoranthene	24.349	252	167717	10.048	ng/ul	99
93) Benzo(a)pyrene	25.213	252	171382	10.150	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.308	276	189844m	9.622	ng/ul	
95) Dibenzo(a,h)anthracene	29.396	278	164341m	9.664	ng/ul	
96) Benzo(g,h,i)perylene	30.548	276	160761m	9.523	ng/ul	

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

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