Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050447.D
Acq On : 5 Oct 2021 17:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020529

Manual Integrations APPROVED
mohammad
10/8/2021 8:31:11 AM

Quant Time: Oct 06 02:07:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	52170	20.00	ng/ul	-0.01
20) Naphthalene-d8	11.092	136	219103	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.887	164	144499	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.625	188	309698	20.00	ng/ul	-0.01
79) Chrysene-d12	21.926	240	279857	20.00	ng/ul	-0.02
88) Perylene-d12	25.351	264	278713	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.636	96	11954	8.42	ng/uL	0.00
4) Pyridine-d5	4.059	84	87673	20.72	ng/ul	-0.01
7) Phenol-d5	7.396	99	94035	20.63	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.578	67	63101	22.00	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.790	132	65341	20.46	ng/ul	-0.01
15) 4-Methylphenol-d8	8.959	113	71442	20.71	ng/ul	0.00
21) Nitrobenzene-d5	9.435	128	33720	22.00	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	36399	22.13	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.698	165	66375	20.43	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	93802	20.21	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	194607	19.68	ng/ul	-0.02
49) Acenaphthylene-d8	14.582	160	254814	20.52	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.046	143	35061	18.41	ng/ul	-0.01
60) Fluorene-d10	15.868	176	172244	19.33	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.980	200	26885	17.40	ng/ul	0.00
73) Anthracene-d10	17.725	188	264523	20.22	ng/ul	-0.01
81) Pyrene-d10	19.999	212	307581	20.67	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.110	264	285744	20.39	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.671	88	13811m	8.04	ng/uL	
5) Pyridine	4.076	79	90502	21.12	ng/ul	97
6) Benzaldehyde	7.402	77	75558	25.13	ng/ul	98
8) Phenol	7.425	94	100067	21.42	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.672	93	74649	21.30	ng/ul	97
12) 2-Chlorophenol	7.825	128	67768	20.74	ng/ul#	90
13) 2-Methylphenol	8.694	108	71283	20.70	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.794	45	120515	22.92	ng/ul	97
16) Acetophenone	9.094	105	116389	21.23	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.070	70	69623	21.13	ng/ul	96
18) 4-Methylphenol	9.018	108	77157	21.16	ng/ul	97
19) Hexachloroethane	9.364	117	28843	20.54	ng/ul	99
22) Nitrobenzene	9.476	77	101906	22.18	ng/ul	95
23) Isophorone	9.999	82	185505	21.01	ng/ul	98
25) 2-Nitrophenol	10.193	139	37950	22.45	ng/ul	97
26) 2,4-Dimethylphenol	10.234	107	87917	20.95	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.481	93	99908	20.96	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	67275	20.92	ng/ul	98
30) Naphthalene	11.145	128	229001	20.36	ng/ul	99
32) 4-Chloroaniline	11.244	127	95011	20.34	ng/ul	100
33) Hexachlorobutadiene	11.421	225	45594	19.51	ng/ul	98
34) Caprolactam	11.996	113	23907m	19.24	ng/ul	
35) 4-Chloro-3-methylphenol	12.331	107	79022	20.84	ng/ul	99
36) 2-Methylnaphthalene	12.731	142	154069	20.15	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	153606	19.95	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.089	216	85114	20.41	ng/ul#	96
40) Hexachlorocyclopentadiene	13.066	237	39502	14.28	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.318	196	54664	20.80	ng/ul	99
42) 2,4,5-Trichlorophenol	13.389	196	59137	20.57	ng/ul	98
43) 1,1'-Biphenyl	13.718	154	201390	20.71	ng/ul	99
44) 2-Chloronaphthalene	13.771	162	156452	20.54	ng/ul	97
45) 2-Nitroaniline	13.965	65	60675	24.33	ng/ul	88
47) Dimethylphthalate	14.323	163	195132	19.61	ng/ul	100
48) 2,6-Dinitrotoluene	14.452	165	39937	21.34	ng/ul	91
50) Acenaphthylene	14.611	152	259662	20.61	ng/ul	98
51) 3-Nitroaniline	14.781	138	43216	21.23	ng/ul	88
52) Acenaphthene	14.946	153	169735	20.39	ng/ul	97
53) 2,4-Dinitrophenol	14.981	184	17399	14.91	ng/ul#	82
55) 4-Nitrophenol	15.063	109	37308m	19.81	ng/ul	
56) Dibenzofuran	15.281	168	241159	19.92	ng/ul	97
57) 2,4-Dinitrotoluene	15.234	165	56820	20.91	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.498	232	46109	18.65	ng/ul#	87
59) Diethylphthalate	15.680	149	203390	19.59	ng/ul	99
61) Fluorene	15.927	166	187825	19.50	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.915	204	98538	18.89	ng/ul	91
63) 4-Nitroaniline	15.933	138	43726	21.27	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.992	198	27973	18.32	ng/ul	98
67) N-Nitrosodiphenylamine	16.121	169	166209	21.23	ng/ul	97
68) 4-Bromophenyl-phenylether	16.808	248	58935	20.44	ng/ul	98
69) Hexachlorobenzene	16.926	284	61496	20.25	ng/ul	98
70) Atrazine	17.061	200	68280	20.48	ng/ul	98
71) Pentachlorophenol	17.267	266	35867	18.04	ng/ul	96
72) Phenanthrene	17.672	178	313866	20.30	ng/ul	99
74) Anthracene	17.760	178	315120	20.58	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.689	216	88712	21.73	ng/uL	97
76) Pentachlorobenzene	15.199	250	81028	21.72	ng/uL	100
77) Carbazole	18.025	167	290088	21.17	ng/ul	98
78) Di-n-butylphthalate	18.565	149	349934	21.55	ng/ul	99
80) Fluoranthene	19.664	202	384955	20.60	ng/ul	97
82) Pyrene	20.028	202	382101	20.73	ng/ul	99
83) Butylbenzylphthalate	20.898	149	154918	22.81	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.814	252	125839	21.82	ng/ul	99
85) Benzo(a)anthracene	21.908	228	347604	20.60	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.791	149	223541	22.90	ng/ul	99
87) Chrysene	21.979	228	332698	20.58	ng/ul	98
89) Di-n-octyl phthalate	23.072	149	382427	23.88	ng/ul	100
90) Benzo(b)fluoranthene	24.253	252	346163m	20.39	ng/ul	
91) Benzo(k)fluoranthene	24.329	252	330755	20.94	ng/ul	100
93) Benzo(a)pyrene	25.181	252	331915	20.49	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.270	276	368530	20.26	ng/ul	97
95) Dibenzo(a,h)anthracene	29.347	278	316221	20.43	ng/ul	99
96) Benzo(g,h,i)perylene	30.504	276	307562	20.06	ng/ul	97

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

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