Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092521\
Data File : BG050268.D
Acq On : 25 Sep 2021 18:00
Operator : CG/JU
Sample : SSTD08039
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080437

Manual Integrations APPROVED
mohammad
9/28/2021 1:39:09 PM

Quant Time: Sep 27 02:05:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 01:56:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.291	152	37888	20.000	ng/ul	0.00
20) Naphthalene-d8	11.123	136	152388	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.907	164	110420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.651	188	264457	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	235210	20.000	ng/ul	0.00
88) Perylene-d12	25.412	264	239632	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	23445	31.909	ng/uL	0.00
4) Pyridine-d5	4.096	84	188561	85.201	ng/ul	0.00
7) Phenol-d5	7.427	99	242028	75.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.609	67	136884	76.582	ng/ul	0.00
11) 2-Chlorophenol-d4	7.821	132	176542	73.335	ng/ul	0.00
15) 4-Methylphenol-d8	8.990	113	190706	75.265	ng/ul	0.00
21) Nitrobenzene-d5	9.466	128	83198	70.421	ng/ul	0.00
24) 2-Nitrophenol-d4	10.195	143	95505	67.889	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.729	165	195200	77.796	ng/ul	0.00
31) 4-Chloroaniline-d4	11.252	131	250640	73.389	ng/ul	0.00
46) Dimethylphthalate-d6	14.313	166	602858	71.339	ng/ul	0.00
49) Acenaphthylene-d8	14.607	160	739015	74.585	ng/ul	0.00
54) 4-Nitrophenol-d4	15.083	143	107954	88.296	ng/ul	0.01
60) Fluorene-d10	15.900	176	540245	75.402	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.005	200	102197	60.067	ng/ul	0.01
73) Anthracene-d10	17.756	188	848835	71.478	ng/ul	0.00
81) Pyrene-d10	20.024	212	979513	77.063	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.183	264	966579	76.030	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	27484	30.684	ng/uL#	90
5) Pyridine	4.119	79	189263	79.126	ng/ul	95
6) Benzaldehyde	7.427	77	143949m	77.750	ng/ul	
8) Phenol	7.457	94	241321	74.260	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.703	93	176938	78.873	ng/ul	93
12) 2-Chlorophenol	7.856	128	178316	74.961	ng/ul#	86
13) 2-Methylphenol	8.726	108	188855	75.328	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.820	45	233928	99.442	ng/ul#	92
16) Acetophenone	9.131	105	279462	67.630	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.114	70	156272	75.316	ng/ul	96
18) 4-Methylphenol	9.061	108	194536	72.126	ng/ul	88
19) Hexachloroethane	9.390	117	77625	74.564	ng/ul#	86
22) Nitrobenzene	9.513	77	235280	73.496	ng/ul	100
23) Isophorone	10.048	82	450105	78.914	ng/ul	96
25) 2-Nitrophenol	10.224	139	100069	73.165	ng/ul#	87
26) 2,4-Dimethylphenol	10.265	107	225892	74.316	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.512	93	244037	82.855	ng/ul	98
29) 2,4-Dichlorophenol	10.759	162	189370	82.228	ng/ul	97
30) Naphthalene	11.170	128	608983	79.953	ng/ul	98
32) 4-Chloroaniline	11.276	127	246205	74.856	ng/ul	90
33) Hexachlorobutadiene	11.446	225	153601	82.447	ng/ul	95
34) Caprolactam	12.086	113	60885m	75.474	ng/ul	
35) 4-Chloro-3-methylphenol	12.369	107	208995	75.933	ng/ul	99
36) 2-Methylnaphthalene	12.756	142	418808	73.969	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.974	142	425131	74.387	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.115	216	269522	83.103	ng/ul#	97
40) Hexachlorocyclopentadiene	13.091	237	195958	135.005	ng/ul	95
41) 2,4,6-Trichlorophenol	13.344	196	176014	85.163	ng/ul	91
42) 2,4,5-Trichlorophenol	13.414	196	182120	84.076	ng/ul	92
43) 1,1'-Biphenyl	13.749	154	565336	73.284	ng/ul#	95
44) 2-Chloronaphthalene	13.796	162	453207	73.140	ng/ul	97
45) 2-Nitroaniline	13.990	65	139141	66.138	ng/ul	99
47) Dimethylphthalate	14.360	163	582736	69.678	ng/ul	100
48) 2,6-Dinitrotoluene	14.478	165	117739	68.189	ng/ul	89
50) Acenaphthylene	14.636	152	722907	79.827	ng/ul	95
51) 3-Nitroaniline	14.807	138	112551	67.552	ng/ul	91
52) Acenaphthene	14.971	153	493351	75.101	ng/ul	95
53) 2,4-Dinitrophenol	15.007	184	68010	77.120	ng/ul#	69
55) 4-Nitrophenol	15.101	109	110666	71.390	ng/ul#	79
56) Dibenzofuran	15.306	168	716001	78.705	ng/ul	96
57) 2,4-Dinitrotoluene	15.259	165	163249	65.729	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.524	232	172530	96.117	ng/ul	90
59) Diethylphthalate	15.718	149	616689	72.081	ng/ul	95
61) Fluorene	15.953	166	557942	72.694	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.941	204	320327	78.880	ng/ul	89
63) 4-Nitroaniline	15.976	138	112141	67.446	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.023	198	101716	65.958	ng/ul#	90
67) N-Nitrosodiphenylamine	16.152	169	513800	73.795	ng/ul	96
68) 4-Bromophenyl-phenylether	16.834	248	221181	75.604	ng/ul	95
69) Hexachlorobenzene	16.951	284	240076	71.067	ng/ul	95
70) Atrazine	17.104	200	236239	76.375	ng/ul	95
71) Pentachlorophenol	17.292	266	165126	115.434	ng/ul	96
72) Phenanthrene	17.698	178	993897	75.387	ng/ul	98
74) Anthracene	17.792	178	956096	71.563	ng/ul#	92
75) 1,2,3,4-Tetrachloroben...	13.714	216	296527	83.574	ng/uL	92
76) Pentachlorobenzene	15.224	250	285248	75.872	ng/uL	96
77) Carbazole	18.050	167	888567	74.743	ng/ul	98
78) Di-n-butylphthalate	18.597	149	1030472	67.774	ng/ul	99
80) Fluoranthene	19.689	202	1209244	77.097	ng/ul#	91
82) Pyrene	20.054	202	1167228	75.100	ng/ul#	91
83) Butylbenzylphthalate	20.929	149	438562	71.504	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.846	252	397080	71.217	ng/ul#	98
85) Benzo(a)anthracene	21.940	228	1094856	74.704	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.828	149	598946	71.107	ng/ul	96
87) Chrysene	22.016	228	1049543	75.756	ng/ul	95
89) Di-n-octyl phthalate	23.132	149	947078	66.622	ng/ul	100
90) Benzo(b)fluoranthene	24.313	252	1091791	71.227	ng/ul#	99
91) Benzo(k)fluoranthene	24.384	252	1010439	69.349	ng/ul#	97
93) Benzo(a)pyrene	25.259	252	1037434	77.932	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.390	276	1187396	67.619	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.472	278	1016158	69.125	ng/ul#	97
96) Benzo(g,h,i)perylene	30.641	276	1030607	69.810	ng/ul	96

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

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