Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050231.D
Acq On : 9 Sep 2021 13:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020517

Manual Integrations APPROVED
mohammad
9/10/2021 3:21:44 PM

Quant Time: Sep 09 18:05:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	51895	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.763	136	246947	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.611	164	100786	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.366	188	238516	20.000	ng/ul	0.00
79) Chrysene-d12	21.636	240	259832	20.000	ng/ul	0.00
88) Perylene-d12	24.850	264	265922	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	8311	7.917	ng/uL	0.00
4) Pyridine-d5	3.737	84	67901	18.223	ng/ul	0.00
7) Phenol-d5	7.121	99	64763	16.073	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	35190	14.954	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	49527	14.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	47217	14.904	ng/ul	0.00
21) Nitrobenzene-d5	9.124	128	24821	14.644	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	28691	13.920	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	67570	17.177	ng/ul	0.00
31) 4-Chloroaniline-d4	10.904	131	77729	16.038	ng/ul	-0.01
46) Dimethylphthalate-d6	14.006	166	155681	20.457	ng/ul	-0.01
49) Acenaphthylene-d8	14.299	160	180107	19.876	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.846	143	16921	18.427	ng/ul	0.00
60) Fluorene-d10	15.603	176	131109	20.749	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.744	200	27062	18.809	ng/ul	0.00
73) Anthracene-d10	17.460	188	218017	20.361	ng/ul	0.00
81) Pyrene-d10	19.757	212	252571	19.515	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.626	264	276170	19.618	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	9833	8.226	ng/uL	89
5) Pyridine	3.755	79	77798	19.864	ng/ul#	84
6) Benzaldehyde	7.085	77	31263	13.997	ng/ul	94
8) Phenol	7.144	94	63744	16.065	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.362	93	44708	15.197	ng/ul	91
12) 2-Chlorophenol	7.514	128	48065	14.751	ng/ul#	89
13) 2-Methylphenol	8.407	108	47148	14.763	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.472	45	42812	14.420	ng/ul#	92
16) Acetophenone	8.777	105	78561	16.855	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.754	70	40581	16.327	ng/ul#	92
18) 4-Methylphenol	8.736	108	50318	16.589	ng/ul	94
19) Hexachloroethane	9.030	117	21238	15.625	ng/ul	93
22) Nitrobenzene	9.165	77	63180	14.313	ng/ul	97
23) Isophorone	9.682	82	107910	12.801	ng/ul	99
25) 2-Nitrophenol	9.876	139	28129	13.834	ng/ul#	89
26) 2,4-Dimethylphenol	9.940	107	62188	12.853	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.164	93	60611	11.854	ng/ul	98
29) 2,4-Dichlorophenol	10.428	162	61839	17.187	ng/ul	96
30) Naphthalene	10.816	128	222131	19.585	ng/ul	98
32) 4-Chloroaniline	10.933	127	65425	14.331	ng/ul	93
33) Hexachlorobutadiene	11.092	225	37803	13.255	ng/ul	96
34) Caprolactam	11.703	113	15495m	14.155	ng/ul	
35) 4-Chloro-3-methylphenol	12.073	107	55705	13.737	ng/ul	99
36) 2-Methylnaphthalene	12.425	142	114306	13.629	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.649	142	112659	13.989	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.801	216	65382	19.180	ng/ul#	96
40) Hexachlorocyclopentadiene	12.772	237	15501	16.770	ng/ul	98
41) 2,4,6-Trichlorophenol	13.048	196	59256	30.788	ng/ul	88
42) 2,4,5-Trichlorophenol	13.130	196	60815	30.216	ng/ul	98
43) 1,1'-Biphenyl	13.436	154	228250	31.370	ng/ul#	96
44) 2-Chloronaphthalene	13.483	162	176406	30.830	ng/ul	96
45) 2-Nitroaniline	13.694	65	56579	31.234	ng/ul	96
47) Dimethylphthalate	14.058	163	147563	20.315	ng/ul	99
48) 2,6-Dinitrotoluene	14.188	165	31776	20.546	ng/ul#	84
50) Acenaphthylene	14.329	152	171152	20.210	ng/ul	97
51) 3-Nitroaniline	14.522	138	24444	17.361	ng/ul#	90
52) Acenaphthene	14.675	153	120156	19.912	ng/ul	96
53) 2,4-Dinitrophenol	14.752	184	13407m	21.167	ng/ul	
55) 4-Nitrophenol	14.863	109	17822	17.440	ng/ul#	82
56) Dibenzofuran	15.010	168	170109	20.490	ng/ul	97
57) 2,4-Dinitrotoluene	14.987	165	47722	21.593	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.245	232	31982	20.980	ng/ul	95
59) Diethylphthalate	15.421	149	155158	21.134	ng/ul	96
61) Fluorene	15.656	166	141575	20.340	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.644	204	75321	20.323	ng/ul	98
63) 4-Nitroaniline	15.691	138	21100m	16.090	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.756	198	22562	17.657	ng/ul#	97
67) N-Nitrosodiphenylamine	15.862	169	124273	19.269	ng/ul	99
68) 4-Bromophenyl-phenylether	16.543	248	54999	19.459	ng/ul	95
69) Hexachlorobenzene	16.672	284	61870	19.306	ng/ul	95
70) Atrazine	16.813	200	56446	20.873	ng/ul	99
71) Pentachlorophenol	17.031	266	19413m	22.115	ng/ul	
72) Phenanthrene	17.407	178	241039	19.814	ng/ul	98
74) Anthracene	17.495	178	248888	20.177	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.406	216	98772	26.721	ng/uL	93
76) Pentachlorobenzene	14.928	250	68028	17.824	ng/uL	98
77) Carbazole	17.771	167	219838	20.215	ng/ul	98
78) Di-n-butylphthalate	18.317	149	268945	20.450	ng/ul	97
80) Fluoranthene	19.422	202	316120	19.652	ng/ul	99
82) Pyrene	19.786	202	314082	19.907	ng/ul	99
83) Butylbenzylphthalate	20.661	149	125829	20.853	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.531	252	111172	19.836	ng/ul	98
85) Benzo(a)anthracene	21.613	228	316442	19.893	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.501	149	174914	19.410	ng/ul	99
87) Chrysene	21.683	228	296817	20.017	ng/ul	95
89) Di-n-octyl phthalate	22.700	149	296500	19.265	ng/ul	100
90) Benzo(b)fluoranthene	23.828	252	324911	19.524	ng/ul#	96
91) Benzo(k)fluoranthene	23.892	252	316653	19.933	ng/ul	100
93) Benzo(a)pyrene	24.697	252	281469	19.346	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.521	276	364175m	19.103	ng/ul	
95) Dibenzo(a,h)anthracene	28.580	278	303949	19.220	ng/ul	99
96) Benzo(g,h,i)perylene	29.690	276	297797	19.497	ng/ul	97

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

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