Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050115.D
Acq On : 3 Sep 2021 4:02
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020509

Manual Integrations APPROVED
mohammad
9/3/2021 3:32:23 PM

Quant Time: Sep 03 05:26:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	31506	20.000	ng/ul	0.00
20) Naphthalene-d8	10.768	136	132415	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.616	164	90780	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	194816	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.642	240	193041	20.000	ng/ul	0.00
88) Perylene-d12	24.861	264	198831	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	5626m	9.208	ng/uL	-0.01
4) Pyridine-d5	3.736	84	37512	20.383	ng/ul	0.00
7) Phenol-d5	7.120	99	52994	19.808	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	29709	19.988	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.484	132	41375	20.669	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	42363	20.106	ng/ul	-0.01
21) Nitrobenzene-d5	9.117	128	20756	20.218	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.852	143	24485	20.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	44373	20.352	ng/ul	0.00
31) 4-Chloroaniline-d4	10.915	131	60304	20.321	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	133457	19.209	ng/ul	-0.01
49) Acenaphthylene-d8	14.310	160	161950	19.881	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	16154	16.071	ng/ul	0.00
60) Fluorene-d10	15.609	176	113862	19.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	23338m	18.621	ng/ul	0.00
73) Anthracene-d10	17.471	188	176253	20.147	ng/ul	0.00
81) Pyrene-d10	19.762	212	203901	19.546	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.638	264	206246	19.552	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	6453	8.664	ng/uL#	90
5) Pyridine	3.754	79	39381	19.799	ng/ul#	87
6) Benzaldehyde	7.085	77	29936	19.444	ng/ul	96
8) Phenol	7.149	94	50800	18.799	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.361	93	38896	20.851	ng/ul	98
12) 2-Chlorophenol	7.514	128	39784	20.112	ng/ul#	83
13) 2-Methylphenol	8.407	108	40914	19.625	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.471	45	39100	19.988	ng/ul	97
16) Acetophenone	8.777	105	69125	20.117	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.759	70	34723	20.125	ng/ul	98
18) 4-Methylphenol	8.736	108	43835m	19.544	ng/ul	
19) Hexachloroethane	9.035	117	18085	20.891	ng/ul	94
22) Nitrobenzene	9.164	77	55737	20.037	ng/ul	100
23) Isophorone	9.687	82	97893	19.752	ng/ul#	94
25) 2-Nitrophenol	9.881	139	23550	19.816	ng/ul#	88
26) 2,4-Dimethylphenol	9.946	107	53272	20.170	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.169	93	52399	20.474	ng/ul	98
29) 2,4-Dichlorophenol	10.427	162	41314	20.645	ng/ul	93
30) Naphthalene	10.821	128	131309	19.840	ng/ul#	94
32) 4-Chloroaniline	10.933	127	57942	20.274	ng/ul	92
33) Hexachlorobutadiene	11.097	225	32844	20.288	ng/ul	95
34) Caprolactam	11.731	113	13103m	18.693	ng/ul	
35) 4-Chloro-3-methylphenol	12.072	107	48251	20.175	ng/ul	97
36) 2-Methylnaphthalene	12.436	142	98513	20.024	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.654	142	98339	19.802	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.807	216	54496	20.438	ng/ul#	97
40) Hexachlorocyclopentadiene	12.777	237	26849	22.500	ng/ul	92
41) 2,4,6-Trichlorophenol	13.053	196	34084	20.059	ng/ul	90
42) 2,4,5-Trichlorophenol	13.135	196	33908	19.040	ng/ul	89
43) 1,1'-Biphenyl	13.441	154	125364	19.767	ng/ul	99
44) 2-Chloronaphthalene	13.488	162	99823	19.595	ng/ul	98
45) 2-Nitroaniline	13.699	65	32890	19.016	ng/ul	98
47) Dimethylphthalate	14.058	163	128438	18.680	ng/ul	98
48) 2,6-Dinitrotoluene	14.193	165	27322	19.247	ng/ul	93
50) Acenaphthylene	14.334	152	150145	20.167	ng/ul	99
51) 3-Nitroaniline	14.528	138	20717	15.124	ng/ul	91
52) Acenaphthene	14.675	153	107294	19.866	ng/ul	96
53) 2,4-Dinitrophenol	14.757	184	14676	20.242	ng/ul#	76
55) 4-Nitrophenol	14.857	109	26657	20.917	ng/ul	95
56) Dibenzofuran	15.015	168	145522	19.457	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	39900	19.541	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.250	232	29169	19.766	ng/ul#	87
59) Diethylphthalate	15.426	149	132569	18.848	ng/ul	99
61) Fluorene	15.667	166	125151	19.834	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.650	204	64419	19.295	ng/ul	99
63) 4-Nitroaniline	15.691	138	18752	13.718	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.761	198	20855	18.358	ng/ul#	93
67) N-Nitrosodiphenylamine	15.867	169	105417	20.553	ng/ul	99
68) 4-Bromophenyl-phenylether	16.548	248	46093	21.388	ng/ul	97
69) Hexachlorobenzene	16.678	284	52061	20.920	ng/ul	96
70) Atrazine	16.819	200	46061	20.215	ng/ul	95
71) Pentachlorophenol	17.030	266	17402m	16.514	ng/ul	
72) Phenanthrene	17.412	178	203172	20.919	ng/ul	99
74) Anthracene	17.506	178	203559	20.683	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.412	216	57833	22.126	ng/uL	87
76) Pentachlorobenzene	14.939	250	61000	22.025	ng/uL	97
77) Carbazole	17.776	167	179452	20.491	ng/ul	99
78) Di-n-butylphthalate	18.323	149	229271	20.469	ng/ul	98
80) Fluoranthene	19.427	202	253178	19.668	ng/ul#	97
82) Pyrene	19.791	202	252734	19.813	ng/ul	99
83) Butylbenzylphthalate	20.661	149	98552	19.578	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.536	252	79957	17.473	ng/ul	93
85) Benzo(a)anthracene	21.624	228	241094	20.044	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.512	149	139875	20.234	ng/ul	94
87) Chrysene	21.689	228	229285	20.165	ng/ul	96
89) Di-n-octyl phthalate	22.711	149	230999	19.584	ng/ul	100
90) Benzo(b)fluoranthene	23.839	252	244829	19.250	ng/ul#	99
91) Benzo(k)fluoranthene	23.897	252	237451	19.641	ng/ul	100
93) Benzo(a)pyrene	24.714	252	217109	19.656	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.544	276	279326	19.171	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.603	278	230840	18.926	ng/ul#	96
96) Benzo(g,h,i)perylene	29.701	276	230409	18.810	ng/ul	99

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

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