Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049691.D
Acq On : 7 Aug 2021 2:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020477

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:51 PM

Quant Time: Aug 07 03:34:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.044	152	30356	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.863	136	122847	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	84519	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	179612	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	163065	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	166667	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4953	7.628	ng/uL	0.00
4) Pyridine-d5	3.849	84	37678	19.338	ng/ul	0.00
7) Phenol-d5	7.198	99	57043	20.705	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	32338	20.435	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	42622	21.616	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	44419	21.146	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	21934	22.666	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	25513	23.086	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	47362	22.729	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	61037	21.396	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	138834	20.932	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	165730	21.002	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	21018	19.599	ng/ul	0.00
60) Fluorene-d10	15.686	176	120156	21.075	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	22681	18.762	ng/ul	0.00
73) Anthracene-d10	17.543	188	183182	21.606	ng/ul	0.00
81) Pyrene-d10	19.834	212	200578	22.325	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	200147	21.916	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.456	88	6062	7.704	ng/uL	95
5) Pyridine	3.867	79	42200	19.536	ng/ul	87
6) Benzaldehyde	7.174	77	27310m	18.600	ng/ul	
8) Phenol	7.221	94	58927	21.590	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.456	93	41034	21.670	ng/ul	88
12) 2-Chlorophenol	7.609	128	44287	22.459	ng/ul	96
13) 2-Methylphenol	8.484	108	44802	20.963	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.566	45	46017	21.263	ng/ul#	87
16) Acetophenone	8.872	105	73233	21.006	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.848	70	37148	19.820	ng/ul#	95
18) 4-Methylphenol	8.813	108	45924	20.568	ng/ul	83
19) Hexachloroethane	9.130	117	20286	23.197	ng/ul	89
22) Nitrobenzene	9.254	77	65164	22.708	ng/ul	98
23) Isophorone	9.777	82	109418	22.548	ng/ul	96
25) 2-Nitrophenol	9.970	139	26106	23.062	ng/ul	92
26) 2,4-Dimethylphenol	10.023	107	58419	22.363	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.264	93	55498	22.573	ng/ul#	94
29) 2,4-Dichlorophenol	10.511	162	45522	23.096	ng/ul	91
30) Naphthalene	10.916	128	145336	22.654	ng/ul	98
32) 4-Chloroaniline	11.022	127	56946	20.861	ng/ul	94
33) Hexachlorobutadiene	11.192	225	36695	22.666	ng/ul	97
34) Caprolactam	11.786	113	13697m	21.736	ng/ul	
35) 4-Chloro-3-methylphenol	12.144	107	53023	23.213	ng/ul	90
36) 2-Methylnaphthalene	12.520	142	106691	21.719	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.737	142	100983	21.126	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.890	216	57554	21.926	ng/ul	98
40) Hexachlorocyclopentadiene	12.867	237	28326	18.296	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.125	196	38018	22.633	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.201	196	39264	21.785	ng/ul	97
43) 1,1'-Biphenyl	13.524	154	135108	21.459	ng/ul	98
44) 2-Chloronaphthalene	13.571	162	112370	22.799	ng/ul	97
45) 2-Nitroaniline	13.771	65	39309	22.655	ng/ul	98
47) Dimethylphthalate	14.141	163	142117	21.587	ng/ul	97
48) 2,6-Dinitrotoluene	14.265	165	30393	22.604	ng/ul	98
50) Acenaphthylene	14.417	152	165231	22.193	ng/ul	99
51) 3-Nitroaniline	14.600	138	24760	20.684	ng/ul	90
52) Acenaphthene	14.758	153	117314	22.060	ng/ul	96
53) 2,4-Dinitrophenol	14.811	184	13049	17.615	ng/ul	92
55) 4-Nitrophenol	14.905	109	29592	21.100	ng/ul#	83
56) Dibenzofuran	15.093	168	159885	21.672	ng/ul	98
57) 2,4-Dinitrotoluene	15.058	165	42411	21.867	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.322	232	34662	23.338	ng/ul#	95
59) Diethylphthalate	15.504	149	144187	21.722	ng/ul	98
61) Fluorene	15.745	166	134111	22.355	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.733	204	71254	21.816	ng/ul	97
63) 4-Nitroaniline	15.757	138	26184	23.396	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.821	198	21303	18.806	ng/ul	94
67) N-Nitrosodiphenylamine	15.945	169	108830	21.984	ng/ul	96
68) 4-Bromophenyl-phenylether	16.626	248	48876	23.394	ng/ul	95
69) Hexachlorobenzene	16.755	284	53815	22.754	ng/ul	95
70) Atrazine	16.891	200	48088	22.083	ng/ul	97
71) Pentachlorophenol	17.096	266	24689	21.796	ng/ul	91
72) Phenanthrene	17.490	178	212456	22.348	ng/ul	98
74) Anthracene	17.578	178	217318	22.853	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.495	216	58881	22.318	ng/uL	98
76) Pentachlorobenzene	15.011	250	59550	21.403	ng/uL	93
77) Carbazole	17.848	167	184618	21.725	ng/ul	97
78) Di-n-butylphthalate	18.400	149	237451	22.854	ng/ul	99
80) Fluoranthene	19.499	202	257450	23.219	ng/ul	98
82) Pyrene	19.863	202	253993	22.967	ng/ul	98
83) Butylbenzylphthalate	20.738	149	96947	23.003	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.619	252	68994	17.872	ng/ul	96
85) Benzo(a)anthracene	21.708	228	239429	22.364	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.602	149	139979	22.673	ng/ul	99
87) Chrysene	21.778	228	226077	22.610	ng/ul	97
89) Di-n-octyl phthalate	22.830	149	235105	22.615	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	243914	22.391	ng/ul	98
91) Benzo(k)fluoranthene	24.028	252	241394	22.317	ng/ul	98
93) Benzo(a)pyrene	24.856	252	218108	22.744	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.757	276	280284	22.271	ng/ul	97
95) Dibenzo(a,h)anthracene	28.816	278	234803	22.365	ng/ul	96
96) Benzo(g,h,i)perylene	29.932	276	233078	22.271	ng/ul	95

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

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