Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049677.D
Acq On : 6 Aug 2021 15:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020476

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:04 PM

Quant Time: Aug 06 16:22:09 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	8.043	152	23280	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	94356	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	65565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	145666	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	134390	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	139955	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	4018	8.069	ng/uL	0.00
4) Pyridine-d5	3.855	84	28353	18.975	ng/ul	0.00
7) Phenol-d5	7.197	99	42499	20.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	24863	20.487	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	32220	21.307	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	34459	21.391	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	15510	20.868	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	19636	23.133	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	34780	21.730	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	47326	21.599	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	112634	21.891	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	126295	20.632	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	18470	22.202	ng/ul	0.00
60) Fluorene-d10	15.686	176	92670	20.953	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	21656	22.089	ng/ul	0.00
73) Anthracene-d10	17.542	188	148701m	21.626	ng/ul	0.00
81) Pyrene-d10	19.833	212	166871	22.536	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	164901	21.503	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	4369	7.240	ng/uL#	88
5) Pyridine	3.872	79	32655	19.712	ng/ul#	87
6) Benzaldehyde	7.174	77	19664	17.464	ng/ul	88
8) Phenol	7.227	94	43796	20.923	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.456	93	30943	21.308	ng/ul	96
12) 2-Chlorophenol	7.602	128	31597	20.894	ng/ul	92
13) 2-Methylphenol	8.484	108	33216	20.266	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.572	45	34324	20.681	ng/ul	100
16) Acetophenone	8.871	105	56197	21.019	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.848	70	29852	20.769	ng/ul#	95
18) 4-Methylphenol	8.813	108	36215	21.150	ng/ul	83
19) Hexachloroethane	9.130	117	15379	22.932	ng/ul	91
22) Nitrobenzene	9.253	77	48596	22.048	ng/ul	98
23) Isophorone	9.776	82	86589	23.231	ng/ul	98
25) 2-Nitrophenol	9.970	139	19158	22.035	ng/ul	94
26) 2,4-Dimethylphenol	10.029	107	45402	22.628	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.258	93	41961	22.221	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	34898	23.052	ng/ul	89
30) Naphthalene	10.916	128	110872	22.501	ng/ul	99
32) 4-Chloroaniline	11.021	127	44575	21.260	ng/ul	95
33) Hexachlorobutadiene	11.198	225	27426	22.056	ng/ul	91
34) Caprolactam	11.785	113	11224m	23.190	ng/ul	
35) 4-Chloro-3-methylphenol	12.143	107	40633	23.161	ng/ul	92
36) 2-Methylnaphthalene	12.519	142	81776	21.674	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.737	142	77787	21.187	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.889	216	45443	22.317	ng/ul	96
40) Hexachlorocyclopentadiene	12.866	237	27066	22.536	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.130	196	29528	22.660	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.201	196	30872	22.080	ng/ul	94
43) 1,1'-Biphenyl	13.524	154	107075	21.923	ng/ul	91
44) 2-Chloronaphthalene	13.571	162	82879	21.677	ng/ul	96
45) 2-Nitroaniline	13.776	65	30641	22.764	ng/ul	100
47) Dimethylphthalate	14.141	163	115998	22.713	ng/ul	100
48) 2,6-Dinitrotoluene	14.264	165	24875	23.848	ng/ul	90
50) Acenaphthylene	14.417	152	127562	22.086	ng/ul	98
51) 3-Nitroaniline	14.593	138	18212	19.612	ng/ul#	85
52) Acenaphthene	14.758	153	92801	22.496	ng/ul	90
53) 2,4-Dinitrophenol	14.804	184	13054	22.715	ng/ul	92
55) 4-Nitrophenol	14.910	109	24070	22.125	ng/ul	90
56) Dibenzofuran	15.092	168	124370	21.732	ng/ul	98
57) 2,4-Dinitrotoluene	15.051	165	34761	23.104	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	29006	25.175	ng/ul#	93
59) Diethylphthalate	15.504	149	119235	23.156	ng/ul	94
61) Fluorene	15.744	166	104223	22.395	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.733	204	57503	22.695	ng/ul	99
63) 4-Nitroaniline	15.762	138	17982	20.712	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.821	198	20933	22.786	ng/ul#	99
67) N-Nitrosodiphenylamine	15.944	169	86859	21.635	ng/ul	90
68) 4-Bromophenyl-phenylether	16.626	248	38589	22.774	ng/ul	94
69) Hexachlorobenzene	16.749	284	43513	22.685	ng/ul#	90
70) Atrazine	16.890	200	41926	23.740	ng/ul	95
71) Pentachlorophenol	17.096	266	20397	22.204	ng/ul	88
72) Phenanthrene	17.489	178	175230	22.728	ng/ul	99
74) Anthracene	17.583	178	171247	22.204	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.495	216	42088	19.671	ng/uL	96
76) Pentachlorobenzene	15.016	250	47861	21.211	ng/uL	95
77) Carbazole	17.847	167	155307	22.535	ng/ul	97
78) Di-n-butylphthalate	18.400	149	192889	22.891	ng/ul	97
80) Fluoranthene	19.498	202	213123	23.322	ng/ul	98
82) Pyrene	19.862	202	205499	22.546	ng/ul	99
83) Butylbenzylphthalate	20.738	149	80970	23.311	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.619	252	65965	20.733	ng/ul	99
85) Benzo(a)anthracene	21.707	228	193349	21.913	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	113204	22.249	ng/ul	99
87) Chrysene	21.772	228	185407	22.499	ng/ul	99
89) Di-n-octyl phthalate	22.829	149	190935	21.872	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	202446	22.131	ng/ul	98
91) Benzo(k)fluoranthene	24.027	252	192197	21.160	ng/ul	99
93) Benzo(a)pyrene	24.844	252	183263	22.757	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.744	276	232690m	22.018	ng/ul	
95) Dibenzo(a,h)anthracene	28.815	278	195744	22.203	ng/ul#	96
96) Benzo(g,h,i)perylene	29.925	276	194271	22.106	ng/ul	98

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

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