Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050022.D
Acq On : 28 Aug 2021 9:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020500

Quant Time: Aug 29 02:44:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	41699	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	163659	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	109176	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	242924	20.000	ng/ul	-0.01
79) Chrysene-d12	21.653	240	230009	20.000	ng/ul	-0.01
88) Perylene-d12	24.884	264	232831	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	5733	7.090	ng/uL	-0.01
4) Pyridine-d5	3.754	84	45843	18.821	ng/ul	-0.02
7) Phenol-d5	7.138	99	63658	17.978	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.285	67	34999	17.791	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.496	132	51359	19.385	ng/ul	-0.02
15) 4-Methylphenol-d8	8.689	113	49187	17.638	ng/ul	-0.01
21) Nitrobenzene-d5	9.135	128	24694	19.462	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.863	143	28468	18.843	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.416	165	52074	19.324	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.927	131	66520	18.136	ng/ul	-0.01
46) Dimethylphthalate-d6	14.028	166	155620	18.625	ng/ul	-0.01
49) Acenaphthylene-d8	14.322	160	187074	19.096	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.857	143	19574	16.192	ng/ul	0.00
60) Fluorene-d10	15.620	176	136707	19.298	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.761	200	26376	16.877	ng/ul	0.00
73) Anthracene-d10	17.483	188	211133	19.355	ng/ul	-0.01
81) Pyrene-d10	19.774	212	232696	18.721	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	240140	19.441	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	7028	7.129	ng/uL	99
5) Pyridine	3.778	79	48886	18.570	ng/ul	85
6) Benzaldehyde	7.097	77	43519	21.357	ng/ul	99
8) Phenol	7.161	94	62724	17.538	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.379	93	44383	17.976	ng/ul	92
12) 2-Chlorophenol	7.531	128	48991	18.713	ng/ul#	89
13) 2-Methylphenol	8.418	108	48615	17.619	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.495	45	45550	17.593	ng/ul#	92
16) Acetophenone	8.794	105	78353	17.229	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.771	70	41838	18.321	ng/ul	98
18) 4-Methylphenol	8.753	108	53015	17.859	ng/ul	90
19) Hexachloroethane	9.053	117	22059	19.253	ng/ul	96
22) Nitrobenzene	9.182	77	65220	18.970	ng/ul	97
23) Isophorone	9.705	82	111412	18.188	ng/ul	97
25) 2-Nitrophenol	9.893	139	28083	19.119	ng/ul	92
26) 2,4-Dimethylphenol	9.957	107	63611	19.486	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.187	93	60914	19.257	ng/ul	94
29) 2,4-Dichlorophenol	10.445	162	48102	19.448	ng/ul	97
30) Naphthalene	10.839	128	155429	19.001	ng/ul	98
32) 4-Chloroaniline	10.944	127	63417	17.953	ng/ul	97
33) Hexachlorobutadiene	11.115	225	39563	19.773	ng/ul	93
34) Caprolactam	11.708	113	14918	17.219	ng/ul	88
35) 4-Chloro-3-methylphenol	12.090	107	57430	19.429	ng/ul	90
36) 2-Methylnaphthalene	12.448	142	114933	18.901	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.666	142	116758	19.023	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.818	216	65319	20.370	ng/ul#	95
40) Hexachlorocyclopentadiene	12.795	237	16247	11.321	ng/ul#	84
41) 2,4,6-Trichlorophenol	13.065	196	38863	19.018	ng/ul	99
42) 2,4,5-Trichlorophenol	13.147	196	41744	19.491	ng/ul	96
43) 1,1'-Biphenyl	13.459	154	149436	19.592	ng/ul	98
44) 2-Chloronaphthalene	13.506	162	118800	19.391	ng/ul	100
45) 2-Nitroaniline	13.711	65	40348	19.397	ng/ul	99
47) Dimethylphthalate	14.075	163	151212	18.287	ng/ul#	99
48) 2,6-Dinitrotoluene	14.205	165	32247	18.889	ng/ul	96
50) Acenaphthylene	14.352	152	174768	19.519	ng/ul	98
51) 3-Nitroaniline	14.540	138	32627	19.805	ng/ul	98
52) Acenaphthene	14.692	153	124204	19.122	ng/ul	97
53) 2,4-Dinitrophenol	14.763	184	13840	15.873	ng/ul	90
55) 4-Nitrophenol	14.868	109	24900	16.246	ng/ul	93
56) Dibenzofuran	15.027	168	172650	19.195	ng/ul	97
57) 2,4-Dinitrotoluene	15.004	165	46257	18.837	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	34117	19.223	ng/ul#	92
59) Diethylphthalate	15.438	149	157397	18.607	ng/ul	97
61) Fluorene	15.679	166	143691	18.935	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.667	204	76258	18.992	ng/ul	97
63) 4-Nitroaniline	15.703	138	33934	20.642	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.773	198	24200	17.083	ng/ul	96
67) N-Nitrosodiphenylamine	15.885	169	122576	19.166	ng/ul	94
68) 4-Bromophenyl-phenylether	16.560	248	53550	19.927	ng/ul	94
69) Hexachlorobenzene	16.690	284	60062	19.355	ng/ul	95
70) Atrazine	16.831	200	54970	19.347	ng/ul	98
71) Pentachlorophenol	17.042	266	21593	16.433	ng/ul	91
72) Phenanthrene	17.424	178	238978	19.733	ng/ul	97
74) Anthracene	17.518	178	239225	19.493	ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.429	216	67369	20.670	ng/uL	96
76) Pentachlorobenzene	14.951	250	68400	19.806	ng/uL	96
77) Carbazole	17.788	167	206672	18.925	ng/ul	99
78) Di-n-butylphthalate	18.334	149	261959	18.756	ng/ul	98
80) Fluoranthene	19.439	202	292114	19.045	ng/ul	99
82) Pyrene	19.803	202	285665	18.795	ng/ul	98
83) Butylbenzylphthalate	20.678	149	110725	18.461	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.548	252	100375	18.410	ng/ul	99
85) Benzo(a)anthracene	21.636	228	272173	18.991	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.524	149	160918	19.536	ng/ul	97
87) Chrysene	21.700	228	257960	19.041	ng/ul	98
89) Di-n-octyl phthalate	22.728	149	266538	19.297	ng/ul	100
90) Benzo(b)fluoranthene	23.850	252	276625	18.574	ng/ul	96
91) Benzo(k)fluoranthene	23.927	252	275585	19.467	ng/ul	97
93) Benzo(a)pyrene	24.732	252	246058	19.024	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.573	276	325466	19.076	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.632	278	266525	18.660	ng/ul	99
96) Benzo(g,h,i)perylene	29.737	276	265163	18.486	ng/ul	96

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

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