Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051569.D
Acq On : 16 Dec 2021 14:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 69 Sample Multiplier: 1

Quant Time: Dec 17 00:11:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	38233	20.000	ng/ul	0.00
20) Naphthalene-d8	11.119	136	162709	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.914	164	118037	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	287934	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	283908	20.000	ng/ul	# 0.00
88) Perylene-d12	25.482	264	289141	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	7502	8.149	ng/uL	0.00
4) Pyridine-d5	4.035	84	56761	20.406	ng/ul	-0.01
7) Phenol-d5	7.406	99	68336	20.018	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	40360	19.888	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	46822	19.721	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	52988	20.081	ng/ul	0.00
21) Nitrobenzene-d5	9.451	128	24333	20.398	ng/ul	0.00
24) 2-Nitrophenol-d4	10.179	143	27134	20.807	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	55195	19.518	ng/ul	0.00
31) 4-Chloroaniline-d4	11.237	131	69294	18.611	ng/ul	0.00
46) Dimethylphthalate-d6	14.303	166	176020	18.631	ng/ul	-0.01
49) Acenaphthylene-d8	14.608	160	219614	18.717	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	28638	18.640	ng/ul	-0.01
60) Fluorene-d10	15.901	176	154228	18.221	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.001	200	30419	20.277	ng/ul	-0.01
73) Anthracene-d10	17.757	188	259086	18.863	ng/ul	0.00
81) Pyrene-d10	20.030	212	314799	18.423	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.235	264	290524	19.096	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	7665	7.978	ng/uL#	92
5) Pyridine	4.052	79	58772	21.062	ng/ul	91
6) Benzaldehyde	7.401	77	49752m	23.359	ng/ul	
8) Phenol	7.436	94	67232	19.807	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.677	93	50227	19.396	ng/ul	95
12) 2-Chlorophenol	7.835	128	48818	20.045	ng/ul	94
13) 2-Methylphenol	8.711	108	49439	19.304	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.805	45	67756	19.289	ng/ul	100
16) Acetophenone	9.104	105	78976	19.054	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.081	70	46894	18.855	ng/ul	97
18) 4-Methylphenol	9.034	108	52779	19.553	ng/ul	98
19) Hexachloroethane	9.386	117	20069	18.886	ng/ul#	80
22) Nitrobenzene	9.492	77	67837	19.551	ng/ul	98
23) Isophorone	10.021	82	129131	18.538	ng/ul#	94
25) 2-Nitrophenol	10.209	139	28757	20.630	ng/ul	94
26) 2,4-Dimethylphenol	10.261	107	61782	18.396	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.496	93	66441	17.963	ng/ul	99
29) 2,4-Dichlorophenol	10.749	162	50903	18.918	ng/ul	92
30) Naphthalene	11.166	128	159913	18.242	ng/ul	99
32) 4-Chloroaniline	11.260	127	70004	18.412	ng/ul	98
33) Hexachlorobutadiene	11.460	225	42252	18.496	ng/ul	96
34) Caprolactam	12.006	113	17461m	21.434	ng/ul	
35) 4-Chloro-3-methylphenol	12.359	107	57708	19.141	ng/ul	96
36) 2-Methylnaphthalene	12.758	142	115302	18.437	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.975	142	118606	18.266	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.122	216	76593	18.655	ng/ul	96
40) Hexachlorocyclopentadiene	13.105	237	58945	19.773	ng/ul	99
41) 2,4,6-Trichlorophenol	13.351	196	49284	19.829	ng/ul	94
42) 2,4,5-Trichlorophenol	13.416	196	51224	19.665	ng/ul	97
43) 1,1'-Biphenyl	13.751	154	163247	18.055	ng/ul#	95
44) 2-Chloronaphthalene	13.798	162	128479	18.380	ng/ul	97
45) 2-Nitroaniline	13.980	65	42921	20.099	ng/ul	90
47) Dimethylphthalate	14.350	163	170259	18.563	ng/ul	100
48) 2,6-Dinitrotoluene	14.467	165	35948	20.502	ng/ul	90
50) Acenaphthylene	14.638	152	208103	18.127	ng/ul	98
51) 3-Nitroaniline	14.791	138	34798	20.755	ng/ul	97
52) Acenaphthene	14.979	153	135981	17.930	ng/ul	96
53) 2,4-Dinitrophenol	14.996	184	25247m	24.908	ng/ul	
55) 4-Nitrophenol	15.084	109	30104	18.263	ng/ul	83
56) Dibenzofuran	15.307	168	202935	18.169	ng/ul	97
57) 2,4-Dinitrotoluene	15.249	165	51522	20.732	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.525	232	49098	19.833	ng/ul#	88
59) Diethylphthalate	15.713	149	168379	17.622	ng/ul	96
61) Fluorene	15.954	166	162082	17.612	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.942	204	91316	17.814	ng/ul	93
63) 4-Nitroaniline	15.954	138	34858	20.272	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.018	198	29842	20.256	ng/ul#	93
67) N-Nitrosodiphenylamine	16.153	169	145673	18.810	ng/ul	96
68) 4-Bromophenyl-phenylether	16.835	248	63433	21.632	ng/ul#	89
69) Hexachlorobenzene	16.964	284	69659	18.904	ng/ul#	90
70) Atrazine	17.093	200	67429	19.403	ng/ul	98
71) Pentachlorophenol	17.299	266	49439	21.898	ng/ul	98
72) Phenanthrene	17.698	178	270654	18.275	ng/ul	98
74) Anthracene	17.792	178	275522	18.415	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.721	216	81145	18.319	ng/uL	98
76) Pentachlorobenzene	15.231	250	83589	19.740	ng/uL	99
77) Carbazole	18.051	167	248583	18.555	ng/ul	100
78) Di-n-butylphthalate	18.603	149	291621	18.087	ng/ul	100
80) Fluoranthene	19.702	202	361000	18.406	ng/ul#	90
82) Pyrene	20.060	202	353693	18.222	ng/ul#	89
83) Butylbenzylphthalate	20.935	149	121490	18.664	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.857	252	130361	19.483	ng/ul#	96
85) Benzo(a)anthracene	21.957	228	343148	18.578	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.852	149	169774	18.620	ng/ul#	96
87) Chrysene	22.028	228	327237	18.338	ng/ul	99
89) Di-n-octyl phthalate	23.167	149	285473	18.331	ng/ul	100
90) Benzo(b)fluoranthene	24.360	252	357014	18.434	ng/ul#	95
91) Benzo(k)fluoranthene	24.430	252	332991	18.360	ng/ul#	95
93) Benzo(a)pyrene	25.317	252	337280	18.453	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.512	276	377919m	18.939	ng/ul	
95) Dibenzo(a,h)anthracene	29.588	278	321404	18.858	ng/ul#	93
96) Benzo(g,h,i)perylene	30.769	276	302958	17.915	ng/ul#	89

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

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