Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051553.D
Acq On : 16 Dec 2021 2:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Dec 16 03:35:52 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	8.281	152	39176	20.000	ng/ul	0.00
20) Naphthalene-d8	11.119	136	154234	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.913	164	111782	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	281053	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	279482	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	282654	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	7427	7.873	ng/uL	0.00
4) Pyridine-d5	4.034	84	54886	19.257	ng/ul	-0.01
7) Phenol-d5	7.412	99	63795	18.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.582	67	38499	18.514	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.805	132	47030	19.332	ng/ul	0.00
15) 4-Methylphenol-d8	8.974	113	51886	19.190	ng/ul	0.00
21) Nitrobenzene-d5	9.444	128	23578	20.851	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.179	143	26494	21.433	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.719	165	52723	19.668	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.236	131	65788	18.640	ng/ul	0.00
46) Dimethylphthalate-d6	14.302	166	170673	19.076	ng/ul	-0.01
49) Acenaphthylene-d8	14.608	160	207781	18.699	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	28200	19.382	ng/ul	0.00
60) Fluorene-d10	15.900	176	150561	18.783	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	29597	20.212	ng/ul	-0.01
73) Anthracene-d10	17.757	188	253969	18.943	ng/ul	0.00
81) Pyrene-d10	20.030	212	312624	18.586	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	290222	19.514	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	7803m	7.926	ng/uL	
5) Pyridine	4.057	79	55127	19.280	ng/ul	97
6) Benzaldehyde	7.400	77	45739	20.958	ng/ul	91
8) Phenol	7.435	94	65502	18.833	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.676	93	46459	17.509	ng/ul	94
12) 2-Chlorophenol	7.835	128	46215	18.519	ng/ul	96
13) 2-Methylphenol	8.710	108	47236	18.000	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.804	45	64627	17.956	ng/ul#	93
16) Acetophenone	9.104	105	76694	18.058	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.080	70	44543	17.479	ng/ul	98
18) 4-Methylphenol	9.033	108	50949	18.420	ng/ul	98
19) Hexachloroethane	9.386	117	19816	18.199	ng/ul#	65
22) Nitrobenzene	9.485	77	65029	19.772	ng/ul	97
23) Isophorone	10.020	82	120834	18.300	ng/ul	98
25) 2-Nitrophenol	10.214	139	27462	20.784	ng/ul	97
26) 2,4-Dimethylphenol	10.261	107	60383	18.967	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.496	93	66955	19.096	ng/ul#	95
29) 2,4-Dichlorophenol	10.748	162	49017	19.218	ng/ul#	89
30) Naphthalene	11.171	128	154718	18.620	ng/ul	99
32) 4-Chloroaniline	11.259	127	66577	18.473	ng/ul	100
33) Hexachlorobutadiene	11.459	225	40248	18.587	ng/ul	98
34) Caprolactam	12.006	113	18017	23.332	ng/ul	84
35) 4-Chloro-3-methylphenol	12.364	107	54521	19.078	ng/ul	95
36) 2-Methylnaphthalene	12.757	142	110727	18.678	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.975	142	112342	18.252	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.122	216	72577	18.666	ng/ul	98
40) Hexachlorocyclopentadiene	13.104	237	62591	22.171	ng/ul	97
41) 2,4,6-Trichlorophenol	13.345	196	47259	20.078	ng/ul	92
42) 2,4,5-Trichlorophenol	13.415	196	50952	20.655	ng/ul	96
43) 1,1'-Biphenyl	13.750	154	159546	18.633	ng/ul#	95
44) 2-Chloronaphthalene	13.797	162	123803	18.702	ng/ul	98
45) 2-Nitroaniline	13.979	65	42180	20.857	ng/ul	93
47) Dimethylphthalate	14.349	163	164784	18.971	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	35097	21.136	ng/ul	92
50) Acenaphthylene	14.637	152	199282	18.330	ng/ul	98
51) 3-Nitroaniline	14.796	138	34605	21.794	ng/ul	96
52) Acenaphthene	14.978	153	130329	18.146	ng/ul	92
53) 2,4-Dinitrophenol	14.996	184	25971	27.056	ng/ul#	60
55) 4-Nitrophenol	15.084	109	30629m	19.621	ng/ul	
56) Dibenzofuran	15.307	168	194681	18.406	ng/ul	100
57) 2,4-Dinitrotoluene	15.248	165	51322	21.807	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.524	232	47545	20.280	ng/ul#	92
59) Diethylphthalate	15.706	149	165741	18.317	ng/ul	96
61) Fluorene	15.953	166	158847	18.226	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.941	204	90595	18.663	ng/ul	94
63) 4-Nitroaniline	15.953	138	35102	21.556	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.018	198	29031	20.187	ng/ul#	87
67) N-Nitrosodiphenylamine	16.153	169	141700	18.745	ng/ul	99
68) 4-Bromophenyl-phenylether	16.834	248	62468	21.825	ng/ul#	88
69) Hexachlorobenzene	16.964	284	71324	19.830	ng/ul#	88
70) Atrazine	17.093	200	65809	19.400	ng/ul	99
71) Pentachlorophenol	17.304	266	51075m	23.176	ng/ul	
72) Phenanthrene	17.698	178	265036	18.334	ng/ul	99
74) Anthracene	17.792	178	270017	18.489	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.721	216	77290	17.875	ng/uL	97
76) Pentachlorobenzene	15.231	250	81256	19.658	ng/uL	100
77) Carbazole	18.050	167	245647	18.784	ng/ul	98
78) Di-n-butylphthalate	18.602	149	289627	18.403	ng/ul	99
80) Fluoranthene	19.701	202	356603	18.470	ng/ul#	88
82) Pyrene	20.059	202	350009	18.318	ng/ul#	87
83) Butylbenzylphthalate	20.935	149	121404	18.946	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.857	252	129634	19.681	ng/ul#	98
85) Benzo(a)anthracene	21.957	228	341852	18.801	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.851	149	172635	19.234	ng/ul#	96
87) Chrysene	22.027	228	324748	18.487	ng/ul	99
89) Di-n-octyl phthalate	23.161	149	284873	18.712	ng/ul	100
90) Benzo(b)fluoranthene	24.359	252	354675	18.733	ng/ul#	94
91) Benzo(k)fluoranthene	24.430	252	329852	18.604	ng/ul#	94
93) Benzo(a)pyrene	25.305	252	335224	18.761	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.500	276	379771	19.468	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.576	278	321925	19.322	ng/ul#	93
96) Benzo(g,h,i)perylene	30.763	276	314315	19.014	ng/ul#	88

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

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