Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050874.D
Acq On : 4 Nov 2021 9:14
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020539

Quant Time: Nov 07 08:40:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	33728	20.000	ng/ul	0.00
20) Naphthalene-d8	11.056	136	157829	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	108479	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.601	188	251414	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	217596	20.000	ng/ul	-0.01
88) Perylene-d12	25.292	264	215851	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	8562	8.193	ng/uL	0.00
4) Pyridine-d5	4.011	84	59283	18.963	ng/ul	0.00
7) Phenol-d5	7.372	99	68515	19.042	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	45484	19.569	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	48892	19.607	ng/ul	-0.01
15) 4-Methylphenol-d8	8.929	113	53925	19.037	ng/ul	0.00
21) Nitrobenzene-d5	9.405	128	25127	18.734	ng/ul	0.00
24) 2-Nitrophenol-d4	10.128	143	29303	19.649	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	47684	18.981	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	72382	19.026	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	162647	19.598	ng/ul	0.00
49) Acenaphthylene-d8	14.552	160	204041	19.733	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	29260	19.444	ng/ul	0.00
60) Fluorene-d10	15.844	176	143717	19.548	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	27716	18.183	ng/ul	0.00
73) Anthracene-d10	17.701	188	231341	19.462	ng/ul	0.00
81) Pyrene-d10	19.975	212	266566	18.967	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	220233	18.456	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	9559	8.328	ng/uL	94
5) Pyridine	4.029	79	63191	19.527	ng/ul	98
6) Benzaldehyde	7.360	77	53343	23.505	ng/ul	95
8) Phenol	7.401	94	70137	18.843	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.636	93	55560	19.942	ng/ul	100
12) 2-Chlorophenol	7.789	128	48575	19.185	ng/ul	96
13) 2-Methylphenol	8.665	108	51503	18.720	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.753	45	83533	19.035	ng/ul	100
16) Acetophenone	9.058	105	85984	19.540	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.029	70	51917	19.554	ng/ul	98
18) 4-Methylphenol	8.994	108	56797	19.389	ng/ul	93
19) Hexachloroethane	9.323	117	20885	19.729	ng/ul	94
22) Nitrobenzene	9.446	77	72289	19.325	ng/ul#	97
23) Isophorone	9.963	82	140832	19.399	ng/ul	98
25) 2-Nitrophenol	10.163	139	29672	19.832	ng/ul	98
26) 2,4-Dimethylphenol	10.204	107	64989	19.737	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.445	93	76593	19.581	ng/ul	98
29) 2,4-Dichlorophenol	10.697	162	47305	19.305	ng/ul	97
30) Naphthalene	11.109	128	169414	19.630	ng/ul	98
32) 4-Chloroaniline	11.209	127	74344	19.680	ng/ul	99
33) Hexachlorobutadiene	11.379	225	30891	19.207	ng/ul	95
34) Caprolactam	11.967	113	19702	18.939	ng/ul	89
35) 4-Chloro-3-methylphenol	12.313	107	62118	19.844	ng/ul	98
36) 2-Methylnaphthalene	12.695	142	114257	19.433	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.912	142	116942	19.629	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.059	216	61086	19.326	ng/ul	98
40) Hexachlorocyclopentadiene	13.030	237	34461	22.704	ng/ul	96
41) 2,4,6-Trichlorophenol	13.294	196	40115	19.395	ng/ul	98
42) 2,4,5-Trichlorophenol	13.365	196	43516	19.597	ng/ul	99
43) 1,1'-Biphenyl	13.688	154	157443	19.856	ng/ul	97
44) 2-Chloronaphthalene	13.741	162	122733	19.752	ng/ul	97
45) 2-Nitroaniline	13.935	65	47847	19.382	ng/ul	96
47) Dimethylphthalate	14.293	163	164466	19.819	ng/ul	100
48) 2,6-Dinitrotoluene	14.422	165	33852	19.491	ng/ul	98
50) Acenaphthylene	14.581	152	205054	19.787	ng/ul	99
51) 3-Nitroaniline	14.757	138	37850	21.071	ng/ul	97
52) Acenaphthene	14.916	153	133987	19.663	ng/ul	97
53) 2,4-Dinitrophenol	14.969	184	20409	21.300	ng/ul	90
55) 4-Nitrophenol	15.051	109	26430	19.151	ng/ul	97
56) Dibenzofuran	15.251	168	189778	19.457	ng/ul	99
57) 2,4-Dinitrotoluene	15.210	165	48632	19.620	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.474	232	34309	19.661	ng/ul	98
59) Diethylphthalate	15.650	149	176740	19.897	ng/ul	99
61) Fluorene	15.897	166	153659	19.904	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.885	204	79277	19.721	ng/ul	97
63) 4-Nitroaniline	15.921	138	38807	21.776	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.974	198	26634	17.918	ng/ul#	98
67) N-Nitrosodiphenylamine	16.097	169	136152	19.374	ng/ul	98
68) 4-Bromophenyl-phenylether	16.779	248	47955	19.175	ng/ul	93
69) Hexachlorobenzene	16.902	284	48922	19.028	ng/ul	97
70) Atrazine	17.037	200	57048	19.143	ng/ul	96
71) Pentachlorophenol	17.249	266	24728	20.949	ng/ul	96
72) Phenanthrene	17.642	178	263142	19.608	ng/ul	99
74) Anthracene	17.736	178	262519	19.496	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.659	216	65381	19.099	ng/uL	98
76) Pentachlorobenzene	15.169	250	59715	18.826	ng/uL	100
77) Carbazole	18.001	167	244433	20.253	ng/ul	99
78) Di-n-butylphthalate	18.535	149	308765	19.470	ng/ul	99
80) Fluoranthene	19.640	202	321676	19.072	ng/ul	99
82) Pyrene	20.004	202	316516	19.206	ng/ul	98
83) Butylbenzylphthalate	20.868	149	134893	19.034	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.784	252	102265	19.298	ng/ul	99
85) Benzo(a)anthracene	21.873	228	287261	19.069	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.743	149	193622	19.033	ng/ul	98
87) Chrysene	21.943	228	272811	18.958	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	332387	18.915	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	282930	18.399	ng/ul	97
91) Benzo(k)fluoranthene	24.282	252	272007	18.851	ng/ul	98
93) Benzo(a)pyrene	25.139	252	271332	18.527	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.193	276	304306	18.665	ng/ul	97
95) Dibenzo(a,h)anthracene	29.270	278	256396	18.587	ng/ul	97
96) Benzo(g,h,i)perylene	30.433	276	253053	18.543	ng/ul	98

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

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