Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050890.D
Acq On : 8 Nov 2021 21:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020541

Quant Time: Nov 09 01:06:54 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	8.231	152	38083	20.000	ng/ul	0.00
20) Naphthalene-d8	11.051	136	167336	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.852	164	111815	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.596	188	243889	20.000	ng/ul	0.00
79) Chrysene-d12	21.891	240	202293	20.000	ng/ul	#-0.02
88) Perylene-d12	25.287	264	203215	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	9912	8.400	ng/uL	0.00
4) Pyridine-d5	4.012	84	71883	20.364	ng/ul	0.00
7) Phenol-d5	7.373	99	77114	18.981	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.543	67	51982	19.807	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	55960	19.875	ng/ul	0.00
15) 4-Methylphenol-d8	8.924	113	61365	19.186	ng/ul	0.00
21) Nitrobenzene-d5	9.400	128	29243	20.564	ng/ul	0.00
24) 2-Nitrophenol-d4	10.128	143	31738	20.072	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.669	165	54875	20.603	ng/ul	0.00
31) 4-Chloroaniline-d4	11.186	131	82211	20.382	ng/ul	0.00
46) Dimethylphthalate-d6	14.247	166	177954	20.802	ng/ul	0.00
49) Acenaphthylene-d8	14.547	160	228157	21.407	ng/ul	0.00
54) 4-Nitrophenol-d4	15.034	143	29806	19.216	ng/ul	0.00
60) Fluorene-d10	15.839	176	156482	20.649	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	27562	18.640	ng/ul	0.00
73) Anthracene-d10	17.696	188	243142	21.086	ng/ul	0.00
81) Pyrene-d10	19.970	212	275946	21.120	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.052	264	228651	20.353	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.624	88	10445	8.059	ng/uL	97
5) Pyridine	4.035	79	74198	20.306	ng/ul	97
6) Benzaldehyde	7.361	77	51625	20.146	ng/ul	96
8) Phenol	7.396	94	81899	19.487	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.637	93	63867	20.302	ng/ul	99
12) 2-Chlorophenol	7.790	128	56639	19.812	ng/ul	98
13) 2-Methylphenol	8.659	108	59316	19.095	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.753	45	98369	19.852	ng/ul	100
16) Acetophenone	9.053	105	97890	19.702	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.030	70	58918	19.654	ng/ul	99
18) 4-Methylphenol	8.989	108	64023	19.356	ng/ul	96
19) Hexachloroethane	9.318	117	24053	20.124	ng/ul	98
22) Nitrobenzene	9.441	77	82737	20.861	ng/ul	97
23) Isophorone	9.964	82	159652	20.742	ng/ul	99
25) 2-Nitrophenol	10.158	139	33654	21.215	ng/ul	95
26) 2,4-Dimethylphenol	10.199	107	72539	20.778	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.440	93	88024	21.224	ng/ul	97
29) 2,4-Dichlorophenol	10.698	162	53983	20.778	ng/ul	97
30) Naphthalene	11.104	128	195949	21.414	ng/ul	98
32) 4-Chloroaniline	11.209	127	83796	20.922	ng/ul	100
33) Hexachlorobutadiene	11.374	225	35429	20.777	ng/ul	97
34) Caprolactam	11.967	113	20588	18.666	ng/ul	92
35) 4-Chloro-3-methylphenol	12.308	107	65820	19.832	ng/ul	98
36) 2-Methylnaphthalene	12.696	142	129720	20.809	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.907	142	132175	20.925	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.054	216	69393	21.299	ng/ul	96
40) Hexachlorocyclopentadiene	13.025	237	38843	24.827	ng/ul	99
41) 2,4,6-Trichlorophenol	13.289	196	44800	21.014	ng/ul	99
42) 2,4,5-Trichlorophenol	13.366	196	46866	20.476	ng/ul	98
43) 1,1'-Biphenyl	13.689	154	173925	21.281	ng/ul	99
44) 2-Chloronaphthalene	13.736	162	136405	21.298	ng/ul	97
45) 2-Nitroaniline	13.936	65	52097	20.474	ng/ul	95
47) Dimethylphthalate	14.288	163	176578	20.644	ng/ul	100
48) 2,6-Dinitrotoluene	14.417	165	36865	20.592	ng/ul	99
50) Acenaphthylene	14.576	152	224750	21.041	ng/ul	98
51) 3-Nitroaniline	14.752	138	37246	20.116	ng/ul	90
52) Acenaphthene	14.917	153	148615	21.159	ng/ul	97
53) 2,4-Dinitrophenol	14.964	184	18152	18.380	ng/ul	93
55) 4-Nitrophenol	15.052	109	25645	18.028	ng/ul	95
56) Dibenzofuran	15.246	168	210377	20.925	ng/ul	98
57) 2,4-Dinitrotoluene	15.205	165	53173	20.812	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.469	232	36209	20.131	ng/ul#	96
59) Diethylphthalate	15.645	149	188253	20.561	ng/ul	98
61) Fluorene	15.898	166	166156	20.881	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.880	204	86098	20.778	ng/ul	98
63) 4-Nitroaniline	15.916	138	35433	19.290	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.969	198	27191	18.857	ng/ul	97
67) N-Nitrosodiphenylamine	16.092	169	145702	21.372	ng/ul	99
68) 4-Bromophenyl-phenylether	16.773	248	50949	21.001	ng/ul	97
69) Hexachlorobenzene	16.897	284	52523	21.059	ng/ul	98
70) Atrazine	17.032	200	59375	20.538	ng/ul	98
71) Pentachlorophenol	17.244	266	23885	20.859	ng/ul	96
72) Phenanthrene	17.637	178	277222	21.294	ng/ul	100
74) Anthracene	17.731	178	275588	21.098	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	72720	21.898	ng/uL	96
76) Pentachlorobenzene	15.164	250	65619	21.326	ng/uL	99
77) Carbazole	17.996	167	251581	21.488	ng/ul	99
78) Di-n-butylphthalate	18.530	149	319368	20.759	ng/ul	99
80) Fluoranthene	19.635	202	331570	21.145	ng/ul	99
82) Pyrene	19.999	202	323501	21.114	ng/ul	99
83) Butylbenzylphthalate	20.863	149	136593	20.732	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.779	252	98575	20.009	ng/ul	98
85) Benzo(a)anthracene	21.873	228	299528	21.388	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.744	149	196550	20.783	ng/ul	99
87) Chrysene	21.938	228	279841	20.918	ng/ul	99
89) Di-n-octyl phthalate	23.013	149	336726	20.353	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	291629	20.144	ng/ul	99
91) Benzo(k)fluoranthene	24.271	252	278938	20.533	ng/ul	99
93) Benzo(a)pyrene	25.128	252	283195	20.539	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.194	276	311947	20.324	ng/ul	97
95) Dibenzo(a,h)anthracene	29.253	278	262745	20.231	ng/ul	97
96) Benzo(g,h,i)perylene	30.405	276	258974	20.157	ng/ul	99

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

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