Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050942.D
Acq On : 10 Nov 2021 14:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020545

Quant Time: Nov 10 14:46:34 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	47883	20.000	ng/ul	0.00
20) Naphthalene-d8	11.057	136	220610	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.853	164	149515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.597	188	331565	20.000	ng/ul	0.00
79) Chrysene-d12	21.897	240	283842	20.000	ng/ul	0.00
88) Perylene-d12	25.293	264	267833	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	11246	7.580	ng/uL	0.00
4) Pyridine-d5	4.012	84	83184	18.742	ng/ul	0.00
7) Phenol-d5	7.373	99	92356	18.080	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	62162	18.838	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	65737	18.569	ng/ul	0.00
15) 4-Methylphenol-d8	8.924	113	72169	17.946	ng/ul	0.00
21) Nitrobenzene-d5	9.400	128	34394	18.346	ng/ul	0.00
24) 2-Nitrophenol-d4	10.129	143	37126	17.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.669	165	65471	18.645	ng/ul	0.00
31) 4-Chloroaniline-d4	11.186	131	96055	18.063	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	211301	18.472	ng/ul	0.00
49) Acenaphthylene-d8	14.547	160	261946	18.380	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	35931	17.324	ng/ul	0.00
60) Fluorene-d10	15.840	176	186728	18.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	33783	16.806	ng/ul	0.00
73) Anthracene-d10	17.696	188	291115	18.571	ng/ul	0.00
81) Pyrene-d10	19.970	212	340401	18.568	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.058	264	281351	19.002	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.625	88	13387	8.215	ng/uL	92
5) Pyridine	4.036	79	87223	18.985	ng/ul	96
6) Benzaldehyde	7.361	77	64012	19.868	ng/ul	96
8) Phenol	7.397	94	96388	18.241	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.638	93	74595	18.859	ng/ul	99
12) 2-Chlorophenol	7.790	128	66545	18.513	ng/ul	96
13) 2-Methylphenol	8.660	108	70236	17.982	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.748	45	116256	18.660	ng/ul	97
16) Acetophenone	9.054	105	111982	17.925	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.030	70	66500	17.643	ng/ul	99
18) 4-Methylphenol	8.989	108	75900	18.251	ng/ul	99
19) Hexachloroethane	9.318	117	28068	18.677	ng/ul	96
22) Nitrobenzene	9.447	77	96535	18.463	ng/ul	98
23) Isophorone	9.964	82	183563	18.089	ng/ul	100
25) 2-Nitrophenol	10.158	139	39389	18.834	ng/ul	96
26) 2,4-Dimethylphenol	10.205	107	85115	18.493	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.440	93	101355	18.537	ng/ul	97
29) 2,4-Dichlorophenol	10.693	162	63766	18.617	ng/ul	95
30) Naphthalene	11.104	128	224283	18.592	ng/ul	98
32) 4-Chloroaniline	11.210	127	97190	18.406	ng/ul	99
33) Hexachlorobutadiene	11.374	225	42489	18.900	ng/ul	99
34) Caprolactam	11.968	113	25279	17.384	ng/ul	94
35) 4-Chloro-3-methylphenol	12.309	107	79152	18.090	ng/ul	98
36) 2-Methylnaphthalene	12.696	142	150555	18.319	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.914	142	152132	18.269	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.055	216	80318	18.436	ng/ul	97
40) Hexachlorocyclopentadiene	13.025	237	44126	21.092	ng/ul	99
41) 2,4,6-Trichlorophenol	13.290	196	51881	18.200	ng/ul	96
42) 2,4,5-Trichlorophenol	13.366	196	55987	18.293	ng/ul	100
43) 1,1'-Biphenyl	13.689	154	202587	18.537	ng/ul	98
44) 2-Chloronaphthalene	13.736	162	157810	18.427	ng/ul	98
45) 2-Nitroaniline	13.936	65	60910	17.901	ng/ul	96
47) Dimethylphthalate	14.295	163	207793	18.168	ng/ul	98
48) 2,6-Dinitrotoluene	14.424	165	43488	18.166	ng/ul	99
50) Acenaphthylene	14.577	152	265653	18.599	ng/ul	99
51) 3-Nitroaniline	14.759	138	45239	18.272	ng/ul	94
52) Acenaphthene	14.917	153	172790	18.398	ng/ul	98
53) 2,4-Dinitrophenol	14.970	184	20414	15.458	ng/ul	87
55) 4-Nitrophenol	15.052	109	33093	17.398	ng/ul	96
56) Dibenzofuran	15.246	168	247226	18.390	ng/ul	97
57) 2,4-Dinitrotoluene	15.211	165	61367	17.963	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.470	232	43783	18.204	ng/ul	94
59) Diethylphthalate	15.646	149	222881	18.205	ng/ul	98
61) Fluorene	15.899	166	191785	18.024	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.881	204	103691	18.714	ng/ul	97
63) 4-Nitroaniline	15.916	138	44375	18.066	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.969	198	33085	16.877	ng/ul	95
67) N-Nitrosodiphenylamine	16.092	169	172508	18.613	ng/ul	100
68) 4-Bromophenyl-phenylether	16.774	248	61700	18.707	ng/ul	97
69) Hexachlorobenzene	16.897	284	63325	18.676	ng/ul	99
70) Atrazine	17.032	200	71475	18.186	ng/ul	99
71) Pentachlorophenol	17.244	266	30730	19.741	ng/ul	97
72) Phenanthrene	17.644	178	325646	18.399	ng/ul	100
74) Anthracene	17.732	178	326308	18.375	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.660	216	85334	18.902	ng/uL	96
76) Pentachlorobenzene	15.170	250	79216	18.937	ng/uL	97
77) Carbazole	18.002	167	308768	19.399	ng/ul	99
78) Di-n-butylphthalate	18.531	149	392206	18.753	ng/ul	99
80) Fluoranthene	19.641	202	404045	18.364	ng/ul	99
82) Pyrene	20.000	202	393066	18.284	ng/ul	99
83) Butylbenzylphthalate	20.863	149	171697	18.573	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.780	252	122891	17.778	ng/ul	99
85) Benzo(a)anthracene	21.874	228	360752	18.359	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.745	149	243231	18.330	ng/ul	99
87) Chrysene	21.944	228	345319	18.396	ng/ul	99
89) Di-n-octyl phthalate	23.014	149	411011	18.850	ng/ul	100
90) Benzo(b)fluoranthene	24.206	252	366945	19.232	ng/ul	99
91) Benzo(k)fluoranthene	24.277	252	336304	18.783	ng/ul	99
93) Benzo(a)pyrene	25.135	252	347220	19.107	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.189	276	386370	19.099	ng/ul	95
95) Dibenzo(a,h)anthracene	29.265	278	329696	19.262	ng/ul	97
96) Benzo(g,h,i)perylene	30.423	276	322500	19.045	ng/ul	96

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

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