Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050944.D
Acq On : 10 Nov 2021 15:34
Operator : CG/JU
Sample : PB140576BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS576

Quant Time: Nov 10 16:18:24 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	36676	20.000	ng/ul	0.00
20) Naphthalene-d8	11.052	136	161443	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.853	164	105860	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.597	188	235403	20.000	ng/ul	0.00
79) Chrysene-d12	21.892	240	202027	20.000	ng/ul	-0.01
88) Perylene-d12	25.288	264	204008	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.590	96	6101	5.369	ng/uL	0.00
4) Pyridine-d5	4.013	84	89089	26.207	ng/ul	0.00
7) Phenol-d5	7.368	99	102712	26.251	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	68219	26.991	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	72993	26.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	79503	25.810	ng/ul	0.00
21) Nitrobenzene-d5	9.401	128	38273	27.897	ng/ul	0.00
24) 2-Nitrophenol-d4	10.123	143	42321	27.742	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.664	165	72482	28.206	ng/ul	0.00
31) 4-Chloroaniline-d4	11.187	131	90724	23.313	ng/ul	0.00
46) Dimethylphthalate-d6	14.242	166	234586	28.965	ng/ul	0.00
49) Acenaphthylene-d8	14.547	160	289473	28.688	ng/ul	0.00
54) 4-Nitrophenol-d4	15.035	143	40355	27.481	ng/ul	0.00
60) Fluorene-d10	15.840	176	204301	28.476	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	38420	26.920	ng/ul	0.00
73) Anthracene-d10	17.697	188	321013	28.843	ng/ul	0.00
81) Pyrene-d10	19.970	212	373676	28.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.059	264	316758	28.087	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.625	88	13756	11.021	ng/uL	98
5) Pyridine	4.030	79	93585	26.595	ng/ul	95
6) Benzaldehyde	7.362	77	71034	28.784	ng/ul	99
8) Phenol	7.397	94	110281	27.247	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.638	93	83273	27.487	ng/ul	98
12) 2-Chlorophenol	7.791	128	76050	27.623	ng/ul	96
13) 2-Methylphenol	8.660	108	82038	27.422	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.748	45	129542	27.147	ng/ul	100
16) Acetophenone	9.054	105	129160	26.992	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.030	70	75961	26.311	ng/ul	98
18) 4-Methylphenol	8.989	108	86751	27.234	ng/ul	94
19) Hexachloroethane	9.318	117	32389	28.137	ng/ul	93
22) Nitrobenzene	9.442	77	109124	28.519	ng/ul	98
23) Isophorone	9.965	82	209855	28.259	ng/ul	100
25) 2-Nitrophenol	10.158	139	45002	29.404	ng/ul	97
26) 2,4-Dimethylphenol	10.200	107	97328	28.896	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.440	93	116194	29.039	ng/ul	96
29) 2,4-Dichlorophenol	10.693	162	72953	29.105	ng/ul	96
30) Naphthalene	11.104	128	253891	28.759	ng/ul	98
32) 4-Chloroaniline	11.210	127	93353	24.159	ng/ul	98
33) Hexachlorobutadiene	11.375	225	46974	28.553	ng/ul	98
34) Caprolactam	11.968	113	28677	26.949	ng/ul	93
35) 4-Chloro-3-methylphenol	12.309	107	91945	28.715	ng/ul	98
36) 2-Methylnaphthalene	12.691	142	170757	28.392	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.908	142	173819	28.523	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.055	216	92654	30.038	ng/ul	98
40) Hexachlorocyclopentadiene	13.026	237	37839	25.546	ng/ul	96
41) 2,4,6-Trichlorophenol	13.290	196	60643	30.046	ng/ul	95
42) 2,4,5-Trichlorophenol	13.366	196	65151	30.066	ng/ul	98
43) 1,1'-Biphenyl	13.684	154	231267	29.888	ng/ul	99
44) 2-Chloronaphthalene	13.737	162	180700	29.801	ng/ul	99
45) 2-Nitroaniline	13.936	65	70879	29.422	ng/ul	95
47) Dimethylphthalate	14.289	163	242645	29.963	ng/ul	100
48) 2,6-Dinitrotoluene	14.424	165	49719	29.334	ng/ul	98
50) Acenaphthylene	14.577	152	298207	29.488	ng/ul	98
51) 3-Nitroaniline	14.753	138	48429	27.627	ng/ul	88
52) Acenaphthene	14.918	153	195243	29.361	ng/ul	96
53) 2,4-Dinitrophenol	14.965	184	21170	22.641	ng/ul	90
55) 4-Nitrophenol	15.053	109	37893	28.136	ng/ul	93
56) Dibenzofuran	15.247	168	281688	29.595	ng/ul	98
57) 2,4-Dinitrotoluene	15.205	165	72747	30.075	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.470	232	50251	29.509	ng/ul	95
59) Diethylphthalate	15.646	149	256335	29.572	ng/ul	100
61) Fluorene	15.893	166	221154	29.355	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.881	204	116330	29.654	ng/ul	97
63) 4-Nitroaniline	15.916	138	51892	29.839	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.969	198	39296	28.234	ng/ul#	96
67) N-Nitrosodiphenylamine	16.093	169	198067	30.101	ng/ul	98
68) 4-Bromophenyl-phenylether	16.774	248	69951	29.873	ng/ul	96
69) Hexachlorobenzene	16.898	284	72769	30.229	ng/ul	95
70) Atrazine	17.033	200	80148	28.723	ng/ul	98
71) Pentachlorophenol	17.244	266	30863	27.925	ng/ul	95
72) Phenanthrene	17.638	178	377963	30.079	ng/ul	99
74) Anthracene	17.732	178	376698	29.878	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.654	216	94965	29.628	ng/uL	98
76) Pentachlorobenzene	15.164	250	86001	28.958	ng/uL	99
77) Carbazole	17.996	167	353009	31.238	ng/ul	99
78) Di-n-butylphthalate	18.531	149	449102	30.245	ng/ul	100
80) Fluoranthene	19.636	202	461591	29.476	ng/ul	99
82) Pyrene	20.000	202	450396	29.435	ng/ul	100
83) Butylbenzylphthalate	20.864	149	195205	29.667	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.774	252	125962	25.602	ng/ul	98
85) Benzo(a)anthracene	21.868	228	417142	29.825	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.739	149	280040	29.650	ng/ul	98
87) Chrysene	21.939	228	401989	30.088	ng/ul	98
89) Di-n-octyl phthalate	23.008	149	478563	28.814	ng/ul	100
90) Benzo(b)fluoranthene	24.201	252	422188	29.049	ng/ul	99
91) Benzo(k)fluoranthene	24.271	252	395601	29.008	ng/ul	98
93) Benzo(a)pyrene	25.129	252	396139	28.619	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.189	276	446091	28.951	ng/ul	99
95) Dibenzo(a,h)anthracene	29.260	278	377628	28.964	ng/ul	98
96) Benzo(g,h,i)perylene	30.417	276	375098	29.081	ng/ul	99

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

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