Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
Data File : BG055598.D
Acq On : 12 Nov 2022 20:51
Operator : CG/JU
Sample : N5583-01MS 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-111022MS

Quant Time: Nov 14 03:30:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.271	152	59238	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	242776	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	159405	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	331891	20.000	ng		0.00
76) Chrysene-d12	21.937	240	311909	20.000	ng		0.00
86) Perylene-d12	25.368	264	328459	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	201446	64.773	ng		0.00
7) Phenol-d6	7.407	99	265311	61.757	ng		0.00
23) Nitrobenzene-d5	9.440	82	160949	44.943	ng		0.00
42) 2,4,6-Tribromophenol	16.373	330	118902	76.449	ng		0.00
45) 2-Fluorobiphenyl	13.518	172	386455	36.569	ng		0.00
79) Terphenyl-d14	20.221	244	588070	37.869	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.635	88	28294	17.911	ng		94
3) Pyridine	4.046	79	78983	17.982	ng		98
4) n-Nitrosodimethylamine	3.958	42	49746	20.808	ng		95
6) Aniline	7.583	93	110102	19.295	ng		99
8) 2-Chlorophenol	7.830	128	97763	28.078	ng		96
9) Benzaldehyde	7.395	77	65753	19.399	ng		97
10) Phenol	7.431	94	127124	25.705	ng		98
11) bis(2-Chloroethyl)ether	7.671	93	88072	22.119	ng		97
12) 1,3-Dichlorobenzene	8.159	146	107959	24.822	ng		98
13) 1,4-Dichlorobenzene	8.306	146	107313	24.380	ng		98
14) 1,2-Dichlorobenzene	8.629	146	106568	25.494	ng		97
15) Benzyl Alcohol	8.500	79	91538	24.434	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.794	45	169983	22.217	ng		98
17) 2-Methylphenol	8.700	107	87810	25.231	ng		99
18) Hexachloroethane	9.369	117	38320	26.223	ng		99
19) n-Nitroso-di-n-propyla...	9.070	70	76719	21.609	ng		97
20) 3+4-Methylphenols	9.029	107	118068	24.352	ng		96
22) Acetophenone	9.093	105	150550	23.311	ng		99
24) Nitrobenzene	9.481	77	111498	27.063	ng		98
25) Isophorone	10.004	82	209107	22.855	ng		100
26) 2-Nitrophenol	10.198	139	50223	37.888	ng	#	87
27) 2,4-Dimethylphenol	10.245	122	97972	29.950	ng		99
28) bis(2-Chloroethoxy)met...	10.486	93	120483	24.424	ng		98
29) 2,4-Dichlorophenol	10.738	162	98368	27.363	ng		98
30) 1,2,4-Trichlorobenzene	10.956	180	110772	24.599	ng		97
31) Naphthalene	11.150	128	322935	24.603	ng		99
32) Benzoic acid	10.351	122	65271	36.923	ng		98
33) 4-Chloroaniline	11.250	127	106981	19.499	ng		95
34) Hexachlorobutadiene	11.432	225	73399	24.440	ng		95
35) Caprolactam	12.008	113	28930	23.607	ng		94
36) 4-Chloro-3-methylphenol	12.348	107	106482	25.129	ng		100
37) 2-Methylnaphthalene	12.736	142	242441	24.584	ng		100
38) 1-Methylnaphthalene	12.953	142	225430	23.369	ng		100
40) 1,2,4,5-Tetrachloroben...	13.094	216	130535	27.414	ng		99
41) Hexachlorocyclopentadiene	13.077	237	38426	18.850	ng		97
43) 2,4,6-Trichlorophenol	13.329	196	83855	29.951	ng		98

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44) 2,4,5-Trichlorophenol	13.400	196	90394	28.203	ng		98
46) 1,1'-Biphenyl	13.729	154	297854	25.541	ng		98
47) 2-Chloronaphthalene	13.776	162	223280	24.788	ng		99
48) 2-Nitroaniline	13.964	65	68185	30.856	ng		96
49) Acenaphthylene	14.616	152	360663	24.199	ng		99
50) Dimethylphthalate	14.328	163	279487	23.074	ng		100
51) 2,6-Dinitrotoluene	14.452	165	56423	27.911	ng		98
52) Acenaphthene	14.957	154	224012	24.076	ng		98
53) 3-Nitroaniline	14.781	138	56955	24.246	ng	#	95
54) 2,4-Dinitrophenol	14.980	184	10516	13.963	ng	#	74
55) Dibenzofuran	15.286	168	354875	23.857	ng		100
56) 4-Nitrophenol	15.075	139	99065	55.233	ng		99
57) 2,4-Dinitrotoluene	15.233	165	75695	28.505	ng		95
58) Fluorene	15.932	166	289002	24.421	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.503	232	80160	26.983	ng	#	98
60) Diethylphthalate	15.686	149	273107	22.164	ng		99
61) 4-Chlorophenyl-phenyle...	15.921	204	147470	23.427	ng		98
62) 4-Nitroaniline	15.938	138	59718	24.867	ng		93
63) Azobenzene	16.208	77	250448	20.969	ng		99
65) 4,6-Dinitro-2-methylph...	15.991	198	8529	11.885	ng		94
66) n-Nitrosodiphenylamine	16.126	169	240108	25.825	ng		98
67) 4-Bromophenyl-phenylether	16.814	248	93964	27.752	ng		95
68) Hexachlorobenzene	16.937	284	100762	25.032	ng		94
69) Atrazine	17.066	200	95158	28.280	ng		95
70) Pentachlorophenol	17.278	266	123306	55.914	ng		99
71) Phenanthrene	17.677	178	548923	30.774	ng		99
72) Anthracene	17.765	178	458042	26.203	ng		100
73) Carbazole	18.030	167	387041	24.500	ng		99
74) Di-n-butylphthalate	18.570	149	445708	24.607	ng		100
75) Fluoranthene	19.675	202	671283	31.559	ng		99
77) Benzidine	19.863	184	111735	13.241	ng		98
78) Pyrene	20.033	202	712451	33.750	ng		98
80) Butylbenzylphthalate	20.903	149	195148	25.935	ng		97
81) Benzo(a)anthracene	21.914	228	627306	29.362	ng		99
82) 3,3'-Dichlorobenzidine	21.814	252	142877	20.491	ng		97
83) Chrysene	21.984	228	584859	28.789	ng		99
84) Bis(2-ethylhexyl)phtha...	21.796	149	285065	26.757	ng		100
85) Di-n-octyl phthalate	23.083	149	485798	26.387	ng		100
87) Indeno(1,2,3-cd)pyrene	29.323	276	486741	19.457	ng	#	75
88) Benzo(b)fluoranthene	24.275	252	624566	30.011	ng		99
89) Benzo(k)fluoranthene	24.340	252	622393	29.253	ng		98
90) Benzo(a)pyrene	25.210	252	553522	30.876	ng		99
91) Dibenzo(a,h)anthracene	29.393	278	398184	19.228	ng		99
92) Benzo(g,h,i)perylene	30.556	276	371196	18.337	ng		97

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

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