Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
Data File : BG056926.D
Acq On : 30 Mar 2023 16:05
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Quant Time: Mar 30 17:10:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 16:17:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.419	152	21607	20.000	ng		0.00
21) Naphthalene-d8	11.257	136	82571	20.000	ng	#	0.00
39) Acenaphthene-d10	15.028	164	65043	20.000	ng		0.00
64) Phenanthrene-d10	17.771	188	155529	20.000	ng		0.00
76) Chrysene-d12	22.095	240	140372	20.000	ng	#	0.00
86) Perylene-d12	25.643	264	156379	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	156330	113.716	ng		0.00
7) Phenol-d6	7.544	99	236110	115.486	ng		0.00
23) Nitrobenzene-d5	9.594	82	240459	118.671	ng		0.00
42) 2,4,6-Tribromophenol	16.514	330	123214	117.403	ng		0.00
45) 2-Fluorobiphenyl	13.659	172	565071	116.252	ng		0.00
79) Terphenyl-d14	20.339	244	991161	117.878	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.732	88	34294	56.639	ng		99
3) Pyridine	4.149	79	115762	61.156	ng		99
4) n-Nitrosodimethylamine	4.055	42	51073	57.519	ng		97
6) Aniline	7.726	93	146490	55.532	ng		100
8) 2-Chlorophenol	7.973	128	77595	56.478	ng		95
9) Benzaldehyde	7.538	77	67832	47.510	ng		95
10) Phenol	7.573	94	116708	57.309	ng		99
11) bis(2-Chloroethyl)ether	7.814	93	80468	54.970	ng		94
12) 1,3-Dichlorobenzene	8.302	146	83908	54.958	ng		96
13) 1,4-Dichlorobenzene	8.449	146	86078	56.102	ng		99
14) 1,2-Dichlorobenzene	8.778	146	82125	55.188	ng		94
15) Benzyl Alcohol	8.643	79	99952	59.351	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.936	45	98680	56.110	ng		96
17) 2-Methylphenol	8.842	107	83540	57.701	ng		94
18) Hexachloroethane	9.518	117	30897	54.895	ng		95
19) n-Nitroso-di-n-propyla...	9.224	70	83539	56.876	ng	#	97
20) 3+4-Methylphenols	9.171	107	116625	57.645	ng		96
22) Acetophenone	9.242	105	145626	58.761	ng	#	97
24) Nitrobenzene	9.635	77	124878	60.477	ng		97
25) Isophorone	10.158	82	229273	59.390	ng		99
26) 2-Nitrophenol	10.352	139	49152	62.307	ng		93
27) 2,4-Dimethylphenol	10.393	122	84338	59.873	ng		97
28) bis(2-Chloroethoxy)met...	10.634	93	110889	56.635	ng		96
29) 2,4-Dichlorophenol	10.887	162	91372	60.468	ng		98
30) 1,2,4-Trichlorobenzene	11.116	180	94976	58.711	ng		93
31) Naphthalene	11.310	128	268322	59.329	ng		100
32) Benzoic acid	10.534	122	62938	67.041	ng		93
33) 4-Chloroaniline	11.404	127	122398	59.987	ng		95
34) Hexachlorobutadiene	11.580	225	70384	57.739	ng		94
35) Caprolactam	12.179	113	30608	57.781	ng		93
36) 4-Chloro-3-methylphenol	12.490	107	102803	60.890	ng		98
37) 2-Methylnaphthalene	12.884	142	212583	59.068	ng		98
38) 1-Methylnaphthalene	13.101	142	195539	57.693	ng		99
40) 1,2,4,5-Tetrachloroben...	13.242	216	133949	58.877	ng		99
41) Hexachlorocyclopentadiene	13.219	237	80176	66.973	ng		100
43) 2,4,6-Trichlorophenol	13.471	196	87345	60.737	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	104077	61.183	ng		96
46) 1,1'-Biphenyl	13.871	154	283121	58.947	ng		96
47) 2-Chloronaphthalene	13.918	162	207809	58.446	ng		98
48) 2-Nitroaniline	14.112	65	76423	60.896	ng		97
49) Acenaphthylene	14.758	152	342852	58.585	ng		99
50) Dimethylphthalate	14.470	163	297580	56.964	ng	#	98
51) 2,6-Dinitrotoluene	14.593	165	65394	58.257	ng		94
52) Acenaphthene	15.099	154	237702	59.268	ng		99
53) 3-Nitroaniline	14.928	138	64203	57.917	ng		100
54) 2,4-Dinitrophenol	15.128	184	41816	70.372	ng		96
55) Dibenzofuran	15.428	168	353913	58.329	ng		96
56) 4-Nitrophenol	15.210	139	50294	62.296	ng		95
57) 2,4-Dinitrotoluene	15.375	165	92041	58.215	ng	#	95
58) Fluorene	16.074	166	289806	57.535	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	94695	60.961	ng	#	99
60) Diethylphthalate	15.815	149	301647	57.803	ng		99
61) 4-Chlorophenyl-phenyle...	16.050	204	169894	57.680	ng		100
62) 4-Nitroaniline	16.085	138	66865	58.245	ng		95
63) Azobenzene	16.344	77	302365	58.180	ng		99
65) 4,6-Dinitro-2-methylph...	16.138	198	61491	67.080	ng		98
66) n-Nitrosodiphenylamine	16.268	169	252599	60.501	ng		97
67) 4-Bromophenyl-phenylether	16.949	248	118289	61.586	ng		92
68) Hexachlorobenzene	17.072	284	116344	61.173	ng		100
69) Atrazine	17.196	200	101918	57.937	ng		98
70) Pentachlorophenol	17.413	266	84950	63.264	ng		97
71) Phenanthrene	17.813	178	474254	59.290	ng		99
72) Anthracene	17.907	178	483319	58.903	ng		99
73) Carbazole	18.165	167	413658	57.271	ng		97
74) Di-n-butylphthalate	18.694	149	479300	57.589	ng		99
75) Fluoranthene	19.804	202	584942	57.066	ng		98
77) Benzidine	19.963	184	221833	56.051	ng		97
78) Pyrene	20.162	202	579348	58.895	ng		99
80) Butylbenzylphthalate	21.020	149	206491	62.319	ng		97
81) Benzo(a)anthracene	22.071	228	586647	60.054	ng		99
82) 3,3'-Dichlorobenzidine	21.972	252	197775	59.813	ng		100
83) Chrysene	22.148	228	545527	59.593	ng		98
84) Bis(2-ethylhexyl)phtha...	21.930	149	297545	61.902	ng		99
85) Di-n-octyl phthalate	23.252	149	506541	62.605	ng		100
87) Indeno(1,2,3-cd)pyrene	29.749	276	697274	60.187	ng		99
88) Benzo(b)fluoranthene	24.515	252	590872	60.535	ng		99
89) Benzo(k)fluoranthene	24.586	252	595517	60.703	ng		99
90) Benzo(a)pyrene	25.485	252	569749	58.847	ng		99
91) Dibenzo(a,h)anthracene	29.814	278	571830	59.869	ng		98
92) Benzo(g,h,i)perylene	31.048	276	558942	59.845	ng		99

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

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