Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056370.D
Acq On : 20 Jan 2023 16:43
Operator : CG/JU
Sample : 01239-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 00:00:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BORING-3MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.306	152	32934	20.000	ng		0.00
21) Naphthalene-d8	11.138	136	123352	20.000	ng		0.00
39) Acenaphthene-d10	14.922	164	105358	20.000	ng		0.00
64) Phenanthrene-d10	17.660	188	293340	20.000	ng		0.00
76) Chrysene-d12	21.949	240	276578	20.000	ng		0.00
86) Perylene-d12	25.386	264	301597	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.826	112	236137	128.020	ng		0.00
7) Phenol-d6	7.448	99	331466	117.015	ng		0.00
23) Nitrobenzene-d5	9.475	82	174477	72.352	ng		-0.01
42) 2,4,6-Tribromophenol	16.402	330	185295	138.866	ng		0.00
45) 2-Fluorobiphenyl	13.547	172	573595	75.180	ng		0.00
79) Terphenyl-d14	20.233	244	1229108	79.594	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.629	88	30821	36.583	ng	#	93
3) Pyridine	4.046	79	83302	32.463	ng	#	90
4) n-Nitrosodimethylamine	3.958	42	19294	36.963	ng	#	97
6) Aniline	7.612	93	122672	33.023	ng		96
8) 2-Chlorophenol	7.865	128	92165	50.212	ng		94
9) Benzaldehyde	7.424	77	39289	23.327	ng		100
10) Phenol	7.471	94	126499	44.034	ng		94
11) bis(2-Chloroethyl)ether	7.706	93	77116	39.612	ng		96
12) 1,3-Dichlorobenzene	8.188	146	105355	47.162	ng		93
13) 1,4-Dichlorobenzene	8.341	146	106007	47.256	ng		99
14) 1,2-Dichlorobenzene	8.664	146	101316	46.808	ng		97
15) Benzyl Alcohol	8.535	79	80029	38.819	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.823	45	16214	47.131	ng	#	78
17) 2-Methylphenol	8.741	107	88807	42.130	ng		96
18) Hexachloroethane	9.399	117	31797	46.659	ng		95
19) n-Nitroso-di-n-propyla...	9.105	70	59938	34.797	ng	#	96
20) 3+4-Methylphenols	9.070	107	121558	41.017	ng		98
22) Acetophenone	9.128	105	143267	41.077	ng		96
24) Nitrobenzene	9.522	77	92074	38.528	ng		97
25) Isophorone	10.039	82	186165	36.691	ng		95
26) 2-Nitrophenol	10.239	139	57121	46.715	ng		93
27) 2,4-Dimethylphenol	10.286	122	101744	45.621	ng		98
28) bis(2-Chloroethoxy)met...	10.515	93	105022	39.825	ng		97
29) 2,4-Dichlorophenol	10.779	162	114799	46.560	ng		97
30) 1,2,4-Trichlorobenzene	10.991	180	124658	44.553	ng		99
31) Naphthalene	11.185	128	283596	43.685	ng		100
32) Benzoic acid	10.409	122	43569m	26.330	ng		
33) 4-Chloroaniline	11.285	127	91801	29.618	ng		98
34) Hexachlorobutadiene	11.461	225	87044	43.255	ng		97
35) Caprolactam	12.054	113	37635m	45.084	ng		
36) 4-Chloro-3-methylphenol	12.383	107	111292	44.483	ng		100
37) 2-Methylnaphthalene	12.771	142	225893	41.210	ng		98
38) 1-Methylnaphthalene	12.989	142	212429	41.733	ng		97
40) 1,2,4,5-Tetrachloroben...	13.130	216	167163	42.333	ng		98
41) Hexachlorocyclopentadiene	13.106	237	206868	91.888	ng		98
43) 2,4,6-Trichlorophenol	13.365	196	117559	45.022	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.441	196	129043	41.778	ng		98
46)	1,1'-Biphenyl	13.758	154	336907	44.651	ng		99
47)	2-Chloronaphthalene	13.805	162	266451	44.739	ng		97
48)	2-Nitroaniline	13.999	65	54922	43.282	ng		95
49)	Acenaphthylene	14.645	152	425663	43.920	ng		98
50)	Dimethylphthalate	14.357	163	370518	43.564	ng		99
51)	2,6-Dinitrotoluene	14.487	165	83611	46.136	ng	#	88
52)	Acenaphthene	14.986	154	300050m	47.601	ng		
53)	3-Nitroaniline	14.816	138	63424	36.772	ng		93
54)	2,4-Dinitrophenol	15.027	184	92214	71.225	ng		97
55)	Dibenzofuran	15.315	168	455766	43.693	ng		98
56)	4-Nitrophenol	15.121	139	133589	100.707	ng		88
57)	2,4-Dinitrotoluene	15.268	165	122655	48.394	ng		90
58)	Fluorene	15.961	166	378391	45.101	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.538	232	132243m	45.598	ng		
60)	Diethylphthalate	15.709	149	356614	44.710	ng		98
61)	4-Chlorophenyl-phenyle...	15.944	204	225505	43.070	ng		100
62)	4-Nitroaniline	15.979	138	84793	47.994	ng		94
63)	Azobenzene	16.232	77	259346	42.135	ng		96
65)	4,6-Dinitro-2-methylph...	16.032	198	79857	40.406	ng		94
66)	n-Nitrosodiphenylamine	16.155	169	351543	43.193	ng		98
67)	4-Bromophenyl-phenylether	16.837	248	159800	42.780	ng		96
68)	Hexachlorobenzene	16.960	284	167975	48.199	ng		97
69)	Atrazine	17.090	200	158035	46.852	ng		97
70)	Pentachlorophenol	17.307	266	199749	74.614	ng		97
71)	Phenanthrene	17.701	178	674769	44.387	ng		98
72)	Anthracene	17.789	178	697378	44.471	ng		99
73)	Carbazole	18.053	167	611653	46.402	ng		98
74)	Di-n-butylphthalate	18.582	149	618380	47.061	ng		99
75)	Fluoranthene	19.687	202	863563	43.549	ng		99
77)	Benzidine	19.857	184	446019	46.017	ng		98
78)	Pyrene	20.051	202	871298	44.695	ng		98
80)	Butylbenzylphthalate	20.909	149	250967	44.873	ng		96
81)	Benzo(a)anthracene	21.931	228	840735	43.279	ng		99
82)	3,3'-Dichlorobenzidine	21.831	252	202302	28.929	ng		99
83)	Chrysene	22.001	228	791906	43.520	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.790	149	357453	44.362	ng		99
85)	Di-n-octyl phthalate	23.071	149	593898	43.661	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.352	276	987190	45.007	ng		100
88)	Benzo(b)fluoranthene	24.287	252	867178	45.254	ng		100
89)	Benzo(k)fluoranthene	24.363	252	859009	45.017	ng		99
90)	Benzo(a)pyrene	25.227	252	773274	41.373	ng		99
91)	Dibenzo(a,h)anthracene	29.416	278	830821	45.179	ng		100
92)	Benzo(g,h,i)perylene	30.597	276	806041	45.199	ng		99

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

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