Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
Data File : BG056253.D
Acq On : 11 Jan 2023 16:40
Operator : CG/JU
Sample : 01064-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 12 04:21:09 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 12 03:38:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

01/12/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.318	152	43850	20.000	ng		0.00
21) Naphthalene-d8	11.150	136	156975	20.000	ng	#	0.00
39) Acenaphthene-d10	14.928	164	124758	20.000	ng		0.00
64) Phenanthrene-d10	17.666	188	338358	20.000	ng		0.00
76) Chrysene-d12	21.961	240	335768	20.000	ng		0.00
86) Perylene-d12	25.398	264	373661	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.833	112	358181	145.845	ng		0.00
7) Phenol-d6	7.454	99	501452	132.956	ng		0.00
23) Nitrobenzene-d5	9.493	82	259394	84.526	ng		0.00
42) 2,4,6-Tribromophenol	16.409	330	226977	143.653	ng		0.00
45) 2-Fluorobiphenyl	13.559	172	765639	84.746	ng		0.00
79) Terphenyl-d14	20.239	244	1638771	87.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.647	88	50557	45.070	ng	#	93
3) Pyridine	4.064	79	134624	39.403	ng		94
4) n-Nitrosodimethylamine	3.970	42	32043	46.105	ng		99
6) Aniline	7.631	93	84602	17.105	ng		99
8) 2-Chlorophenol	7.877	128	129209	52.871	ng		98
9) Benzaldehyde	7.437	77	65753	29.321	ng		95
10) Phenol	7.478	94	193129	50.493	ng		99
11) bis(2-Chloroethyl)ether	7.719	93	119925	46.267	ng		97
12) 1,3-Dichlorobenzene	8.206	146	150879	50.727	ng		96
13) 1,4-Dichlorobenzene	8.353	146	149223	49.961	ng		98
14) 1,2-Dichlorobenzene	8.676	146	143408	49.761	ng		98
15) Benzyl Alcohol	8.547	79	123301	44.920	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.829	45	23396	51.078	ng		92
17) 2-Methylphenol	8.747	107	129518	46.148	ng		98
18) Hexachloroethane	9.417	117	45024	49.621	ng		94
19) n-Nitroso-di-n-propyla...	9.117	70	92642	40.394	ng		99
20) 3+4-Methylphenols	9.076	107	176115	44.632	ng		98
22) Acetophenone	9.141	105	204185	46.003	ng	#	99
24) Nitrobenzene	9.534	77	142003	46.693	ng		99
25) Isophorone	10.051	82	276589	42.836	ng		97
26) 2-Nitrophenol	10.251	139	77862	50.039	ng		97
27) 2,4-Dimethylphenol	10.292	122	140130	49.375	ng		99
28) bis(2-Chloroethoxy)met...	10.527	93	159380	47.492	ng		99
29) 2,4-Dichlorophenol	10.786	162	162571	51.813	ng		99
30) 1,2,4-Trichlorobenzene	11.003	180	175338	49.243	ng		96
31) Naphthalene	11.197	128	386017	46.726	ng		98
32) Benzoic acid	10.416	122	86684	41.165	ng		94
33) 4-Chloroaniline	11.297	127	40117	10.171	ng		93
34) Hexachlorobutadiene	11.473	225	123410	48.190	ng		96
35) Caprolactam	12.067	113	48660m	45.806	ng		
36) 4-Chloro-3-methylphenol	12.390	107	154012	48.373	ng		95
37) 2-Methylnaphthalene	12.783	142	302075	43.305	ng		100
38) 1-Methylnaphthalene	12.995	142	278441	42.985	ng		96
40) 1,2,4,5-Tetrachloroben...	13.142	216	233712	49.982	ng		99
41) Hexachlorocyclopentadiene	13.118	237	296911	111.376	ng		96
43) 2,4,6-Trichlorophenol	13.371	196	158751	51.344	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.441	196	178308	48.751	ng		97
46) 1,1'-Biphenyl	13.770	154	443869	49.679	ng		99
47) 2-Chloronaphthalene	13.817	162	355055	50.346	ng		97
48) 2-Nitroaniline	14.011	65	74982	49.902	ng		98
49) Acenaphthylene	14.658	152	551452	48.051	ng		99
50) Dimethylphthalate	14.370	163	463497	46.022	ng		97
51) 2,6-Dinitrotoluene	14.493	165	105468	49.146	ng		96
52) Acenaphthene	14.993	154	405368	54.309	ng		99
53) 3-Nitroaniline	14.822	138	33737	16.519	ng	#	94
54) 2,4-Dinitrophenol	15.028	184	143802	93.800	ng		95
55) Dibenzofuran	15.327	168	587651	47.576	ng		98
56) 4-Nitrophenol	15.116	139	160100	101.925	ng		95
57) 2,4-Dinitrotoluene	15.275	165	146827	48.923	ng		97
58) Fluorene	15.968	166	470601	47.369	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	174963	50.947	ng		97
60) Diethylphthalate	15.721	149	436029	46.166	ng		98
61) 4-Chlorophenyl-phenyle...	15.950	204	292516	47.181	ng		98
62) 4-Nitroaniline	15.980	138	96498	46.125	ng		95
63) Azobenzene	16.244	77	362278	49.706	ng		97
65) 4,6-Dinitro-2-methylph...	16.038	198	105772	46.398	ng		94
66) n-Nitrosodiphenylamine	16.162	169	440006	46.870	ng		95
67) 4-Bromophenyl-phenylether	16.843	248	199909	46.397	ng		95
68) Hexachlorobenzene	16.973	284	201772	50.194	ng		98
69) Atrazine	17.096	200	194558	50.006	ng		97
70) Pentachlorophenol	17.307	266	269424	87.250	ng		97
71) Phenanthrene	17.707	178	837434	47.758	ng		99
72) Anthracene	17.801	178	855415	47.291	ng		99
73) Carbazole	18.060	167	751286	49.412	ng		99
74) Di-n-butylphthalate	18.594	149	756090	49.885	ng		100
75) Fluoranthene	19.699	202	1094655	47.859	ng		100
77) Benzidine	19.863	184	207996	17.677	ng		99
78) Pyrene	20.057	202	1105457	46.710	ng		99
80) Butylbenzylphthalate	20.921	149	328755	48.420	ng		97
81) Benzo(a)anthracene	21.937	228	1118702	47.436	ng		99
82) 3,3'-Dichlorobenzidine	21.837	252	165038	19.440	ng		96
83) Chrysene	22.008	228	1038855	47.027	ng		99
84) Bis(2-ethylhexyl)phtha...	21.808	149	476563	48.719	ng		99
85) Di-n-octyl phthalate	23.089	149	812108	49.178	ng		100
87) Indeno(1,2,3-cd)pyrene	29.358	276	1362188	50.126	ng	#	99
88) Benzo(b)fluoranthene	24.305	252	1211278	51.020	ng		99
89) Benzo(k)fluoranthene	24.376	252	1144457	48.409	ng		100
90) Benzo(a)pyrene	25.239	252	1049955	45.343	ng	#	99
91) Dibenzo(a,h)anthracene	29.429	278	1135880	49.855	ng		99
92) Benzo(g,h,i)perylene	30.615	276	1111379	50.302	ng		98

01/12/2023
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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