Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056521.D
Acq On : 2 Feb 2023 19:34
Operator : CG/JU
Sample : 01348-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 05:58:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.273	152	31849	20.000	ng		0.00
21) Naphthalene-d8	11.111	136	117607	20.000	ng		0.00
39) Acenaphthene-d10	14.895	164	98648	20.000	ng		0.00
64) Phenanthrene-d10	17.633	188	257114	20.000	ng		0.00
76) Chrysene-d12	21.928	240	255897	20.000	ng		0.00
86) Perylene-d12	25.347	264	288878	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.794	112	199585	115.279	ng		0.00
7) Phenol-d6	7.421	99	282802	110.244	ng		0.00
23) Nitrobenzene-d5	9.448	82	148618	71.758	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	106317	81.067	ng		0.00
45) 2-Fluorobiphenyl	13.520	172	498862	70.111	ng		0.00
79) Terphenyl-d14	20.206	244	1074514	73.750	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	31377	43.524	ng		97
3) Pyridine	4.014	79	80977	37.682	ng		96
4) n-Nitrosodimethylamine	3.926	42	19159	41.923	ng		93
6) Aniline	7.586	93	48284	14.376	ng		94
8) 2-Chlorophenol	7.833	128	91477	48.097	ng		100
9) Benzaldehyde	7.398	77	56643m	54.409	ng		
10) Phenol	7.451	94	129067	49.503	ng		97
11) bis(2-Chloroethyl)ether	7.680	93	79878	44.572	ng		94
12) 1,3-Dichlorobenzene	8.162	146	104048	47.514	ng		95
13) 1,4-Dichlorobenzene	8.314	146	104634	47.182	ng		99
14) 1,2-Dichlorobenzene	8.638	146	103284	48.002	ng		99
15) Benzyl Alcohol	8.508	79	79627m	45.242	ng		
16) 2,2'-oxybis(1-Chloropr...	8.802	45	16343	43.040	ng		97
17) 2-Methylphenol	8.714	107	89253	44.998	ng		98
18) Hexachloroethane	9.372	117	31718	47.287	ng		92
19) n-Nitroso-di-n-propyla...	9.078	70	60494	40.921	ng		93
20) 3+4-Methylphenols	9.043	107	122115	43.931	ng		98
22) Acetophenone	9.102	105	141452	45.267	ng	#	100
24) Nitrobenzene	9.495	77	94992	47.550	ng		93
25) Isophorone	10.012	82	185210	43.347	ng		96
26) 2-Nitrophenol	10.212	139	56497	46.611	ng		99
27) 2,4-Dimethylphenol	10.259	122	96044m	47.347	ng		
28) bis(2-Chloroethoxy)met...	10.488	93	110529	46.827	ng		98
29) 2,4-Dichlorophenol	10.753	162	114125	49.982	ng		97
30) 1,2,4-Trichlorobenzene	10.964	180	122636	48.332	ng		97
31) Naphthalene	11.158	128	280781	45.234	ng		98
32) Benzoic acid	10.400	122	49078m	43.244	ng		
33) 4-Chloroaniline	11.264	127	37182	12.832	ng	#	94
34) Hexachlorobutadiene	11.434	225	87152	48.933	ng		98
35) Caprolactam	12.028	113	33838m	43.941	ng		
36) 4-Chloro-3-methylphenol	12.363	107	107421	48.715	ng		93
37) 2-Methylnaphthalene	12.745	142	222640	43.506	ng		97
38) 1-Methylnaphthalene	12.962	142	206470	43.201	ng		98
40) 1,2,4,5-Tetrachloroben...	13.103	216	166612	46.230	ng		99
41) Hexachlorocyclopentadiene	13.079	237	174419	90.397	ng		98
43) 2,4,6-Trichlorophenol	13.344	196	109086	46.970	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	120959	44.484	ng		99
46) 1,1'-Biphenyl	13.732	154	325672	45.516	ng		97
47) 2-Chloronaphthalene	13.785	162	262112	46.866	ng		98
48) 2-Nitroaniline	13.978	65	51685	44.704	ng		92
49) Acenaphthylene	14.625	152	406411	44.664	ng		100
50) Dimethylphthalate	14.337	163	347662	43.562	ng		99
51) 2,6-Dinitrotoluene	14.466	165	77085	44.290	ng		98
52) Acenaphthene	14.960	154	241664	44.786	ng		99
53) 3-Nitroaniline	14.795	138	26618	15.775	ng	#	98
54) 2,4-Dinitrophenol	15.007	184	109559	100.410	ng		98
55) Dibenzofuran	15.289	168	432687	44.713	ng		100
56) 4-Nitrophenol	15.101	139	115528	100.203	ng		97
57) 2,4-Dinitrotoluene	15.253	165	110568	45.101	ng		97
58) Fluorene	15.941	166	349488	45.387	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.518	232	113957	47.134	ng		99
60) Diethylphthalate	15.682	149	330211	44.062	ng		98
61) 4-Chlorophenyl-phenyle...	15.917	204	214618	45.677	ng		99
62) 4-Nitroaniline	15.958	138	70457	41.731	ng		94
63) Azobenzene	16.211	77	240056	46.553	ng		99
65) 4,6-Dinitro-2-methylph...	16.017	198	80211	44.373	ng		97
66) n-Nitrosodiphenylamine	16.135	169	322122	44.250	ng		99
67) 4-Bromophenyl-phenylether	16.810	248	147623	44.850	ng		98
68) Hexachlorobenzene	16.940	284	150161	46.579	ng		98
69) Atrazine	17.069	200	141757	50.476	ng		98
70) Pentachlorophenol	17.286	266	160985	82.528	ng		99
71) Phenanthrene	17.680	178	614873	45.692	ng		98
72) Anthracene	17.768	178	630997	45.679	ng		100
73) Carbazole	18.032	167	553013	47.004	ng		100
74) Di-n-butylphthalate	18.561	149	570414	46.175	ng		99
75) Fluoranthene	19.672	202	791859	46.623	ng		100
77) Benzidine	19.836	184	207554	29.972	ng		98
78) Pyrene	20.030	202	806801	44.330	ng		99
80) Butylbenzylphthalate	20.888	149	240723	43.309	ng		95
81) Benzo(a)anthracene	21.904	228	815583	45.589	ng		99
82) 3,3'-Dichlorobenzidine	21.805	252	122046	18.944	ng		99
83) Chrysene	21.975	228	754957	44.918	ng		99
84) Bis(2-ethylhexyl)phtha...	21.763	149	358029	44.927	ng		98
85) Di-n-octyl phthalate	23.033	149	614944	46.336	ng		100
87) Indeno(1,2,3-cd)pyrene	29.284	276	989351	46.786	ng	#	96
88) Benzo(b)fluoranthene	24.255	252	871648	48.613	ng		100
89) Benzo(k)fluoranthene	24.325	252	833113	46.020	ng		99
90) Benzo(a)pyrene	25.183	252	762944	43.196	ng		98
91) Dibenzo(a,h)anthracene	29.349	278	818487	46.112	ng		99
92) Benzo(g,h,i)perylene	30.530	276	800022	46.711	ng		99

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

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