Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
Data File : BG056522.D
Acq On : 2 Feb 2023 20:15
Operator : CG/JU
Sample : 01348-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Feb 03 05:58:49 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	8.277	152	31863	20.000	ng		0.00
21) Naphthalene-d8	11.109	136	122854	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	98657	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	251900	20.000	ng		0.00
76) Chrysene-d12	21.925	240	252535	20.000	ng		0.00
86) Perylene-d12	25.339	264	278731	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	200194	115.580	ng		0.00
7) Phenol-d6	7.419	99	288057	112.243	ng		0.00
23) Nitrobenzene-d5	9.452	82	150828	69.715	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	105064	80.105	ng		0.00
45) 2-Fluorobiphenyl	13.518	172	504466	70.893	ng		0.00
79) Terphenyl-d14	20.210	244	1047528	72.855	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.594	88	31046	43.046	ng		97
3) Pyridine	4.017	79	81666	37.985	ng		96
4) n-Nitrosodimethylamine	3.929	42	20090	43.941	ng	#	96
6) Aniline	7.589	93	54994	16.367	ng		98
8) 2-Chlorophenol	7.836	128	93114	48.936	ng		97
9) Benzaldehyde	7.401	77	57283	55.544	ng		98
10) Phenol	7.448	94	131365	50.362	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	82803	46.184	ng		97
12) 1,3-Dichlorobenzene	8.165	146	104118	47.525	ng		98
13) 1,4-Dichlorobenzene	8.312	146	107005	48.230	ng		96
14) 1,2-Dichlorobenzene	8.635	146	103870	48.253	ng		98
15) Benzyl Alcohol	8.512	79	79615m	45.215	ng		
16) 2,2'-oxybis(1-Chloropr...	8.794	45	16057	42.268	ng		91
17) 2-Methylphenol	8.711	107	88969	44.835	ng		99
18) Hexachloroethane	9.369	117	31556	47.025	ng		96
19) n-Nitroso-di-n-propyla...	9.076	70	60398	40.838	ng		98
20) 3+4-Methylphenols	9.046	107	123244	44.317	ng		98
22) Acetophenone	9.105	105	144068	44.135	ng	#	99
24) Nitrobenzene	9.493	77	93896	44.994	ng		98
25) Isophorone	10.016	82	185811	41.630	ng		99
26) 2-Nitrophenol	10.210	139	57420	45.350	ng		97
27) 2,4-Dimethylphenol	10.257	122	95348	44.997	ng		94
28) bis(2-Chloroethoxy)met...	10.492	93	111202	45.100	ng		96
29) 2,4-Dichlorophenol	10.750	162	114636	48.061	ng		96
30) 1,2,4-Trichlorobenzene	10.968	180	125553	47.369	ng		99
31) Naphthalene	11.156	128	290375	44.781	ng		100
32) Benzoic acid	10.398	122	49864m	42.060	ng		
33) 4-Chloroaniline	11.267	127	32989	10.899	ng		97
34) Hexachlorobutadiene	11.432	225	87264	46.903	ng		98
35) Caprolactam	12.037	113	33131m	41.186	ng		
36) 4-Chloro-3-methylphenol	12.366	107	107233	46.553	ng		97
37) 2-Methylnaphthalene	12.742	142	223732	41.852	ng		98
38) 1-Methylnaphthalene	12.959	142	210077	42.078	ng		98
40) 1,2,4,5-Tetrachloroben...	13.106	216	167943	46.595	ng		99
41) Hexachlorocyclopentadiene	13.077	237	171027	88.755	ng		97
43) 2,4,6-Trichlorophenol	13.341	196	108724	46.810	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.418	196	119640	43.994	ng		98
46) 1,1'-Biphenyl	13.729	154	329125	45.994	ng		100
47) 2-Chloronaphthalene	13.782	162	262723	46.971	ng		99
48) 2-Nitroaniline	13.982	65	52638	45.525	ng		91
49) Acenaphthylene	14.622	152	405544	44.565	ng		100
50) Dimethylphthalate	14.334	163	347185	43.498	ng		100
51) 2,6-Dinitrotoluene	14.464	165	76587	44.000	ng		98
52) Acenaphthene	14.957	154	245059	45.411	ng		98
53) 3-Nitroaniline	14.798	138	26221	15.539	ng	#	98
54) 2,4-Dinitrophenol	15.004	184	106907	97.970	ng		96
55) Dibenzofuran	15.292	168	429131	44.341	ng		99
56) 4-Nitrophenol	15.104	139	112648	97.696	ng		99
57) 2,4-Dinitrotoluene	15.251	165	108732	44.348	ng		99
58) Fluorene	15.938	166	347215	45.088	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.515	232	114163	47.215	ng	#	99
60) Diethylphthalate	15.686	149	323983	43.227	ng		100
61) 4-Chlorophenyl-phenyle...	15.915	204	212096	45.136	ng		97
62) 4-Nitroaniline	15.956	138	70461	41.729	ng		98
63) Azobenzene	16.209	77	238962	46.337	ng		97
65) 4,6-Dinitro-2-methylph...	16.015	198	79390	44.828	ng		99
66) n-Nitrosodiphenylamine	16.132	169	316533	44.382	ng		98
67) 4-Bromophenyl-phenylether	16.814	248	145090	44.992	ng		99
68) Hexachlorobenzene	16.943	284	149956	47.478	ng		98
69) Atrazine	17.066	200	138988	50.514	ng		97
70) Pentachlorophenol	17.284	266	156279	81.774	ng		96
71) Phenanthrene	17.677	178	606456	45.999	ng		98
72) Anthracene	17.766	178	614679	45.418	ng		99
73) Carbazole	18.030	167	535827	46.486	ng		99
74) Di-n-butylphthalate	18.559	149	558747	46.167	ng		100
75) Fluoranthene	19.669	202	774092	46.521	ng		99
77) Benzidine	19.834	184	197193	28.855	ng		97
78) Pyrene	20.028	202	780240	43.441	ng		99
80) Butylbenzylphthalate	20.885	149	236107	43.044	ng		99
81) Benzo(a)anthracene	21.902	228	785314	44.481	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	119384	18.777	ng		98
83) Chrysene	21.972	228	730730	44.055	ng		100
84) Bis(2-ethylhexyl)phtha...	21.761	149	347571	44.196	ng		100
85) Di-n-octyl phthalate	23.036	149	594646	45.403	ng		100
87) Indeno(1,2,3-cd)pyrene	29.287	276	954474	46.780	ng	#	95
88) Benzo(b)fluoranthene	24.252	252	833015	48.149	ng		99
89) Benzo(k)fluoranthene	24.323	252	815346	46.679	ng		100
90) Benzo(a)pyrene	25.186	252	736679	43.227	ng		98
91) Dibenzo(a,h)anthracene	29.346	278	795095	46.425	ng		99
92) Benzo(g,h,i)perylene	30.533	276	768844	46.525	ng		100

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

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