Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070821\
Data File : BG049221.D
Acq On : 8 Jul 2021 15:38
Operator : CG/JU
Sample : M2963-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-2A-COMPMSD

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:34 PM

Quant Time: Jul 08 16:48:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.082	152	32624	20.000	ng	#	0.00
21) Naphthalene-d8	10.908	136	134331	20.000	ng	#	0.00
39) Acenaphthene-d10	14.733	164	98875	20.000	ng		0.00
64) Phenanthrene-d10	17.483	188	220266	20.000	ng	#	0.00
76) Chrysene-d12	21.766	240	207911	20.000	ng		0.00
86) Perylene-d12	25.074	264	220108	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	261561	125.575	ng		0.00
7) Phenol-d6	7.242	99	350166	117.916	ng		0.00
23) Nitrobenzene-d5	9.257	82	243018	76.701	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	204047	119.045	ng		0.00
45) 2-Fluorobiphenyl	13.352	172	504506	68.840	ng		0.00
79) Terphenyl-d14	20.086	244	775820	63.231	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	35232	38.528	ng	#	80
3) Pyridine	3.916	79	89163	36.061	ng		99
4) n-Nitrosodimethylamine	3.828	42	71268	50.749	ng	#	89
6) Aniline	7.406	93	151686	41.955	ng		91
8) 2-Chlorophenol	7.647	128	120582	52.764	ng		93
9) Benzaldehyde	7.218	77	77278	49.475	ng		88
10) Phenol	7.271	94	153482	51.449	ng		95
11) bis(2-Chloroethyl)ether	7.500	93	106768	49.068	ng		88
12) 1,3-Dichlorobenzene	7.976	146	124505	48.711	ng		97
13) 1,4-Dichlorobenzene	8.123	146	124716	48.522	ng		99
14) 1,2-Dichlorobenzene	8.441	146	121814	49.227	ng		95
15) Benzyl Alcohol	8.323	79	133161	50.922	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.611	45	174252	47.174	ng		85
17) 2-Methylphenol	8.529	107	101784	50.634	ng		92
18) Hexachloroethane	9.181	117	51669	50.341	ng		97
19) n-Nitroso-di-n-propyla...	8.893	70	99796	46.761	ng		97
20) 3+4-Methylphenols	8.858	107	143400	51.457	ng		96
22) Acetophenone	8.911	105	195029	48.672	ng	#	97
24) Nitrobenzene	9.298	77	154751	45.077	ng		98
25) Isophorone	9.821	82	264324	43.431	ng		95
26) 2-Nitrophenol	10.015	139	66747	48.837	ng		97
27) 2,4-Dimethylphenol	10.068	122	111931	54.585	ng		99
28) bis(2-Chloroethoxy)met...	10.303	93	144748	50.437	ng		94
29) 2,4-Dichlorophenol	10.550	162	126080	51.270	ng		93
30) 1,2,4-Trichlorobenzene	10.767	180	135198	46.684	ng		93
31) Naphthalene	10.961	128	362918	46.402	ng		98
32) Benzoic acid	10.233	122	83406	50.053	ng	#	83
33) 4-Chloroaniline	11.061	127	83644	25.864	ng		98
34) Hexachlorobutadiene	11.243	225	100859	47.138	ng		99
35) Caprolactam	11.848	113	39061m	50.047	ng		
36) 4-Chloro-3-methylphenol	12.183	107	144131	50.937	ng	#	91
37) 2-Methylnaphthalene	12.559	142	281703	47.829	ng		97
38) 1-Methylnaphthalene	12.777	142	257833	46.225	ng		95
40) 1,2,4,5-Tetrachloroben...	12.929	216	165042	47.846	ng		98
41) Hexachlorocyclopentadiene	12.906	237	238540	116.745	ng		95
43) 2,4,6-Trichlorophenol	13.164	196	115940	48.674	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.241	196	124249	47.700	ng		89
46) 1,1'-Biphenyl	13.564	154	358070	48.477	ng		100
47) 2-Chloronaphthalene	13.611	162	280371	46.129	ng		99
48) 2-Nitroaniline	13.805	65	107355	48.440	ng		95
49) Acenaphthylene	14.457	152	455011	47.484	ng		98
50) Dimethylphthalate	14.181	163	377193	47.534	ng		96
51) 2,6-Dinitrotoluene	14.304	165	84227	46.302	ng	#	84
52) Acenaphthene	14.798	154	271190	45.409	ng		92
53) 3-Nitroaniline	14.633	138	55597	31.818	ng	#	93
54) 2,4-Dinitrophenol	14.839	184	114176	90.670	ng		96
55) Dibenzofuran	15.133	168	439682	45.224	ng		98
56) 4-Nitrophenol	14.945	139	135990	95.504	ng		91
57) 2,4-Dinitrotoluene	15.092	165	121401	46.982	ng		92
58) Fluorene	15.779	166	368246	45.796	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.356	232	117114	48.299	ng		98
60) Diethylphthalate	15.544	149	400988	47.690	ng		97
61) 4-Chlorophenyl-phenyle...	15.767	204	209815	47.143	ng		96
62) 4-Nitroaniline	15.797	138	80160	44.161	ng		86
63) Azobenzene	16.061	77	373477	44.059	ng		91
65) 4,6-Dinitro-2-methylph...	15.855	198	76259	48.467	ng		93
66) n-Nitrosodiphenylamine	15.985	169	326217	47.354	ng		97
67) 4-Bromophenyl-phenylether	16.666	248	143311	48.227	ng		91
68) Hexachlorobenzene	16.784	284	160222	48.771	ng		95
69) Atrazine	16.931	200	134040	58.590	ng		99
70) Pentachlorophenol	17.130	266	199902	104.538	ng		99
71) Phenanthrene	17.524	178	593455	46.788	ng		98
72) Anthracene	17.612	178	599245	47.392	ng		97
73) Carbazole	17.882	167	534706	44.355	ng		100
74) Di-n-butylphthalate	18.435	149	647610	46.723	ng		98
75) Fluoranthene	19.533	202	720204	45.356	ng		98
77) Benzidine	19.704	184	343522	76.922	ng		98
78) Pyrene	19.892	202	724498	46.916	ng		97
80) Butylbenzylphthalate	20.773	149	282121	48.222	ng		94
81) Benzo(a)anthracene	21.749	228	704735	45.444	ng		99
82) 3,3'-Dichlorobenzidine	21.660	252	182926	34.675	ng		97
83) Chrysene	21.813	228	667444	45.305	ng		95
84) Bis(2-ethylhexyl)phtha...	21.643	149	397902	48.152	ng		96
85) Di-n-octyl phthalate	22.882	149	672245	48.336	ng		98
87) Indeno(1,2,3-cd)pyrene	28.858	276	849776	48.384	ng		98
88) Benzo(b)fluoranthene	24.022	252	743734	46.824	ng	#	96
89) Benzo(k)fluoranthene	24.093	252	704543	46.495	ng		99
90) Benzo(a)pyrene	24.921	252	724540	49.449	ng	#	95
91) Dibenzo(a,h)anthracene	28.934	278	709751	47.878	ng	#	96
92) Benzo(g,h,i)perylene	30.056	276	708146	48.460	ng		97

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

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