Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070821\
Data File : BG049216.D
Acq On : 8 Jul 2021 12:05
Operator : CG/JU
Sample : SP5620
Misc : 8270/625 SPIKE
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP5620

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:24 PM

Quant Time: Jul 08 12:44:13 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	8.085	152	26574	20.000	ng	#	0.00
21) Naphthalene-d8	10.906	136	105912	20.000	ng	#	0.00
39) Acenaphthene-d10	14.730	164	72473	20.000	ng		0.00
64) Phenanthrene-d10	17.480	188	178842	20.000	ng	#	0.00
76) Chrysene-d12	21.769	240	183173	20.000	ng		0.00
86) Perylene-d12	25.077	264	194809	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	31620	42.450	ng	#	77
3) Pyridine	3.908	79	70524	35.017	ng		91
4) n-Nitrosodimethylamine	3.820	42	53961	47.173	ng	#	81
6) Aniline	7.404	93	115159	39.104	ng		96
8) 2-Chlorophenol	7.645	128	94490	50.760	ng		91
9) Benzaldehyde	7.216	77	86232	67.776	ng		90
10) Phenol	7.263	94	119861	49.327	ng		92
11) bis(2-Chloroethyl)ether	7.498	93	83006	46.833	ng		87
12) 1,3-Dichlorobenzene	7.974	146	99589	47.833	ng		97
13) 1,4-Dichlorobenzene	8.121	146	100012	47.770	ng		99
14) 1,2-Dichlorobenzene	8.444	146	96195	47.724	ng		94
15) Benzyl Alcohol	8.320	79	97494	45.771	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.608	45	132952	44.187	ng		84
17) 2-Methylphenol	8.526	107	78425	47.896	ng		94
18) Hexachloroethane	9.178	117	40079	47.939	ng		95
19) n-Nitroso-di-n-propyla...	8.890	70	76865	44.216	ng	#	96
20) 3+4-Methylphenols	8.855	107	110072	48.490	ng		98
22) Acetophenone	8.914	105	148615	47.041	ng	#	98
24) Nitrobenzene	9.296	77	121653	44.945	ng		97
25) Isophorone	9.819	82	194565	40.547	ng		97
26) 2-Nitrophenol	10.013	139	49999	46.399	ng		97
27) 2,4-Dimethylphenol	10.065	122	86821	53.701	ng		98
28) bis(2-Chloroethoxy)met...	10.300	93	110375	48.780	ng		97
29) 2,4-Dichlorophenol	10.553	162	95670	49.343	ng		92
30) 1,2,4-Trichlorobenzene	10.770	180	106168	46.496	ng		98
31) Naphthalene	10.958	128	279153	45.270	ng		97
32) Benzoic acid	10.218	122	60040	46.245	ng	#	68
33) 4-Chloroaniline	11.064	127	69863	27.399	ng		97
34) Hexachlorobutadiene	11.240	225	78303	46.416	ng		97
35) Caprolactam	11.840	113	29320m	47.646	ng		
36) 4-Chloro-3-methylphenol	12.181	107	107305	48.098	ng	#	90
37) 2-Methylnaphthalene	12.562	142	209696	45.157	ng		96
38) 1-Methylnaphthalene	12.780	142	196296	44.635	ng		95
40) 1,2,4,5-Tetrachloroben...	12.927	216	125682	49.709	ng		99
41) Hexachlorocyclopentadiene	12.909	237	190372	127.113	ng		94
43) 2,4,6-Trichlorophenol	13.168	196	86853	49.747	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	91592	47.972	ng		89
46) 1,1'-Biphenyl	13.561	154	267160	49.346	ng		99
47) 2-Chloronaphthalene	13.608	162	213918	48.017	ng		99
48) 2-Nitroaniline	13.808	65	82778	50.957	ng		98
49) Acenaphthylene	14.454	152	343337	48.883	ng		96
50) Dimethylphthalate	14.184	163	280439	48.216	ng		99
51) 2,6-Dinitrotoluene	14.302	165	62661	46.995	ng		86
52) Acenaphthene	14.795	154	207359	47.369	ng		98
53) 3-Nitroaniline	14.631	138	42147	32.908	ng		92
54) 2,4-Dinitrophenol	14.836	184	81001	87.924	ng		91
55) Dibenzofuran	15.130	168	328662	46.120	ng		98
56) 4-Nitrophenol	14.942	139	105508	101.090	ng		92
57) 2,4-Dinitrotoluene	15.089	165	88463	46.707	ng	#	93
58) Fluorene	15.782	166	278473	47.248	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.353	232	87580	49.278	ng	#	98
60) Diethylphthalate	15.541	149	294872	47.845	ng		98
61) 4-Chlorophenyl-phenyle...	15.770	204	154133	47.248	ng		97
62) 4-Nitroaniline	15.800	138	64121	48.194	ng	#	85
63) Azobenzene	16.064	77	280301	45.113	ng		90
65) 4,6-Dinitro-2-methylph...	15.853	198	53548	41.916	ng		92
66) n-Nitrosodiphenylamine	15.982	169	241808	43.232	ng		95
67) 4-Bromophenyl-phenylether	16.664	248	109692	45.464	ng		94
68) Hexachlorobenzene	16.787	284	121217	45.445	ng		95
69) Atrazine	16.934	200	112261	60.436	ng		97
70) Pentachlorophenol	17.134	266	158590	102.144	ng		99
71) Phenanthrene	17.527	178	455879	44.267	ng		98
72) Anthracene	17.615	178	468584	45.642	ng		99
73) Carbazole	17.886	167	432202	44.156	ng		98
74) Di-n-butylphthalate	18.438	149	531682	47.244	ng		98
75) Fluoranthene	19.531	202	598326	46.408	ng		99
77) Benzidine	19.707	184	407430	103.553	ng		97
78) Pyrene	19.895	202	598044	43.958	ng		99
80) Butylbenzylphthalate	20.770	149	238922	46.353	ng		99
81) Benzo(a)anthracene	21.752	228	598033	43.772	ng		98
82) 3,3'-Dichlorobenzidine	21.658	252	162280	34.915	ng		98
83) Chrysene	21.816	228	575962	44.375	ng		96
84) Bis(2-ethylhexyl)phtha...	21.646	149	340800	46.811	ng		97
85) Di-n-octyl phthalate	22.892	149	567148	46.287	ng		98
87) Indeno(1,2,3-cd)pyrene	28.873	276	714465	45.962	ng	#	97
88) Benzo(b)fluoranthene	24.031	252	628263	44.691	ng	#	97
89) Benzo(k)fluoranthene	24.096	252	597934m	44.584	ng		
90) Benzo(a)pyrene	24.924	252	608845	46.949	ng	#	97
91) Dibenzo(a,h)anthracene	28.943	278	601289	45.829	ng	#	94
92) Benzo(g,h,i)perylene	30.065	276	595848	46.071	ng		99

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

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