Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049155.D
Acq On : 1 Jul 2021 16:00
Operator : CG/JU
Sample : M2901-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124035MS

Manual Integrations APPROVED
mohammad
7/2/2021 12:01:33 PM

Quant Time: Jul 01 18:11:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	35315	20.000	ng		0.00
21) Naphthalene-d8	10.911	136	146373	20.000	ng	#	0.00
39) Acenaphthene-d10	14.736	164	112704	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	254280	20.000	ng	#	0.00
76) Chrysene-d12	21.775	240	247583	20.000	ng		0.00
86) Perylene-d12	25.083	264	266969	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.647	112	328296	145.604	ng		0.00
7) Phenol-d6	7.245	99	432568	134.565	ng		0.00
23) Nitrobenzene-d5	9.260	82	297151	86.071	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	259764	132.955	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	661828	79.226	ng		0.00
79) Terphenyl-d14	20.089	244	1134594	77.654	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	36486	36.859	ng	#	76
3) Pyridine	3.919	79	90562	33.836	ng		92
4) n-Nitrosodimethylamine	3.831	42	69656	45.822	ng	#	84
6) Aniline	7.409	93	127253	32.515	ng	#	94
8) 2-Chlorophenol	7.656	128	118174	47.770	ng		90
9) Benzaldehyde	7.221	77	82087	48.549	ng	#	83
10) Phenol	7.274	94	152482	47.219	ng		95
11) bis(2-Chloroethyl)ether	7.503	93	104433	44.338	ng		85
12) 1,3-Dichlorobenzene	7.979	146	118344	42.773	ng		95
13) 1,4-Dichlorobenzene	8.126	146	121047	43.506	ng		96
14) 1,2-Dichlorobenzene	8.449	146	117485	43.860	ng		90
15) Benzyl Alcohol	8.326	79	135726	47.948	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.620	45	178225	44.573	ng		85
17) 2-Methylphenol	8.532	107	103722	47.666	ng		95
18) Hexachloroethane	9.184	117	49952	44.960	ng		93
19) n-Nitroso-di-n-propyla...	8.902	70	96821	41.910	ng		97
20) 3+4-Methylphenols	8.861	107	144580	47.927	ng		95
22) Acetophenone	8.919	105	193261	44.263	ng	#	98
24) Nitrobenzene	9.301	77	153826	41.122	ng		93
25) Isophorone	9.830	82	262442	39.574	ng		98
26) 2-Nitrophenol	10.018	139	65959	44.290	ng		96
27) 2,4-Dimethylphenol	10.071	122	113752	50.910	ng		96
28) bis(2-Chloroethoxy)met...	10.306	93	145252	46.449	ng		91
29) 2,4-Dichlorophenol	10.559	162	128319	47.888	ng		93
30) 1,2,4-Trichlorobenzene	10.770	180	132441	41.969	ng		94
31) Naphthalene	10.964	128	356077	41.782	ng		98
32) Benzoic acid	10.235	122	80004	44.813	ng	#	64
33) 4-Chloroaniline	11.064	127	61115	17.343	ng		95
34) Hexachlorobutadiene	11.246	225	94155	40.385	ng		94
35) Caprolactam	11.857	113	41130m	48.362	ng		
36) 4-Chloro-3-methylphenol	12.186	107	148827	48.269	ng	#	93
37) 2-Methylnaphthalene	12.568	142	274572	42.783	ng		96
38) 1-Methylnaphthalene	12.785	142	257441	42.357	ng		96
40) 1,2,4,5-Tetrachloroben...	12.932	216	160659	40.861	ng		97
41) Hexachlorocyclopentadiene	12.909	237	225905	96.995	ng		90
43) 2,4,6-Trichlorophenol	13.167	196	117616	43.319	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	129690	43.680	ng		87
46) 1,1'-Biphenyl	13.567	154	355199	42.188	ng		99
47) 2-Chloronaphthalene	13.614	162	281401	40.617	ng		99
48) 2-Nitroaniline	13.814	65	112578	44.563	ng		92
49) Acenaphthylene	14.460	152	458939	42.017	ng		95
50) Dimethylphthalate	14.190	163	386924	42.777	ng		99
51) 2,6-Dinitrotoluene	14.307	165	87963	42.422	ng	#	87
52) Acenaphthene	14.801	154	273524	40.180	ng		96
53) 3-Nitroaniline	14.636	138	46590	23.392	ng	#	81
54) 2,4-Dinitrophenol	14.842	184	109460	77.080	ng		96
55) Dibenzofuran	15.136	168	448104	40.435	ng		99
56) 4-Nitrophenol	14.948	139	143533	88.433	ng		90
57) 2,4-Dinitrotoluene	15.094	165	125346	42.557	ng		93
58) Fluorene	15.782	166	382154	41.694	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.359	232	123681	44.749	ng	#	95
60) Diethylphthalate	15.547	149	410317	42.811	ng		97
61) 4-Chlorophenyl-phenyle...	15.770	204	210598	41.512	ng		97
62) 4-Nitroaniline	15.805	138	83379	40.298	ng		88
63) Azobenzene	16.064	77	393823	40.758	ng		90
65) 4,6-Dinitro-2-methylph...	15.858	198	74202	40.851	ng		91
66) n-Nitrosodiphenylamine	15.988	169	332479	41.807	ng		97
67) 4-Bromophenyl-phenylether	16.669	248	143551	41.846	ng		90
68) Hexachlorobenzene	16.787	284	160684	42.369	ng		98
69) Atrazine	16.933	200	139534	52.833	ng		98
70) Pentachlorophenol	17.133	266	205223	92.965	ng		98
71) Phenanthrene	17.527	178	621546	42.448	ng		98
72) Anthracene	17.621	178	622099	42.618	ng		98
73) Carbazole	17.885	167	562163	40.395	ng		96
74) Di-n-butylphthalate	18.438	149	675735	42.231	ng		98
75) Fluoranthene	19.536	202	774286	42.239	ng		99
77) Benzidine	19.713	184	331777	62.387	ng		98
78) Pyrene	19.895	202	771948	41.979	ng		98
80) Butylbenzylphthalate	20.776	149	302766	43.458	ng		96
81) Benzo(a)anthracene	21.751	228	770521	41.725	ng		100
82) 3,3'-Dichlorobenzidine	21.663	252	161611	25.726	ng		97
83) Chrysene	21.822	228	728210	41.509	ng		94
84) Bis(2-ethylhexyl)phtha...	21.651	149	430649	43.764	ng		98
85) Di-n-octyl phthalate	22.897	149	734290	44.337	ng		98
87) Indeno(1,2,3-cd)pyrene	28.872	276	936890	43.980	ng	#	78
88) Benzo(b)fluoranthene	24.031	252	830034	43.084	ng	#	95
89) Benzo(k)fluoranthene	24.107	252	777411	42.299	ng		97
90) Benzo(a)pyrene	24.930	252	786190	44.238	ng	#	96
91) Dibenzo(a,h)anthracene	28.955	278	777313	43.231	ng	#	97
92) Benzo(g,h,i)perylene	30.077	276	775433	43.751	ng		96

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

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