Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050635.D
Acq On : 19 Oct 2021 15:05
Operator : CG/JU
Sample : M4224-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
515-ZMS

Manual Integrations APPROVED
mohammad
10/20/2021 1:53:59 PM

Quant Time: Oct 19 15:51:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.258	152	38316	20.00	ng		0.00
21) Naphthalene-d8	11.078	136	167077	20.00	ng		# 0.00
39) Acenaphthene-d10	14.874	164	115193	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	257228	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	220947	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	225542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	374075	146.01	ng		0.00
7) Phenol-d6	7.400	99	474791	128.00	ng		0.00
23) Nitrobenzene-d5	9.427	82	384843	95.35	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	164218	149.46	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	690479	90.21	ng		0.00
79) Terphenyl-d14	20.203	244	1083151	95.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.669	88	56257	42.40	ng	#	10
3) Pyridine	4.081	79	127619	35.21	ng	#	91
4) n-Nitrosodimethylamine	3.981	42	86403	50.58	ng	#	50
6) Aniline	7.577	93	136420	31.65	ng		97
8) 2-Chlorophenol	7.817	128	145263	58.89	ng		87
9) Benzaldehyde	7.389	77	91972	39.23	ng		94
10) Phenol	7.430	94	178718	49.55	ng		85
11) bis(2-Chloroethyl)ether	7.665	93	150454	53.45	ng		85
12) 1,3-Dichlorobenzene	8.146	146	144361	50.70	ng		95
13) 1,4-Dichlorobenzene	8.293	146	147009	51.21	ng		95
14) 1,2-Dichlorobenzene	8.611	146	142024	51.80	ng		94
15) Benzyl Alcohol	8.493	79	172411	58.82	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.775	45	238725	52.00	ng		87
17) 2-Methylphenol	8.687	107	134708	56.76	ng		93
18) Hexachloroethane	9.345	117	56595	52.09	ng		93
19) n-Nitroso-di-n-propyla...	9.057	70	142973	52.88	ng	#	90
20) 3+4-Methylphenols	9.016	107	185836	55.64	ng		96
22) Acetophenone	9.081	105	239335	50.39	ng	#	97
24) Nitrobenzene	9.474	77	206979	51.58	ng	#	93
25) Isophorone	9.991	82	373791	52.21	ng	#	95
26) 2-Nitrophenol	10.185	139	81645	55.41	ng	#	91
27) 2,4-Dimethylphenol	10.232	122	151467	59.49	ng		94
28) bis(2-Chloroethoxy)met...	10.467	93	207567	50.71	ng	#	91
29) 2,4-Dichlorophenol	10.720	162	145397	56.03	ng		94
30) 1,2,4-Trichlorobenzene	10.937	180	144106	48.89	ng		95
31) Naphthalene	11.131	128	450878	50.42	ng		98
32) Benzoic acid	10.338	122	44280	23.43	ng	#	73
33) 4-Chloroaniline	11.237	127	31937	8.51	ng		97
34) Hexachlorobutadiene	11.401	225	86589	46.79	ng		97
35) Caprolactam	12.013	113	47548	47.88	ng	#	61
36) 4-Chloro-3-methylphenol	12.336	107	185387	57.16	ng	#	91
37) 2-Methylnaphthalene	12.718	142	323849	52.48	ng		95
38) 1-Methylnaphthalene	12.935	142	303111	50.66	ng		94
40) 1,2,4,5-Tetrachloroben...	13.076	216	163346	48.02	ng		97
41) Hexachlorocyclopentadiene	13.052	237	180261	91.69	ng		92
43) 2,4,6-Trichlorophenol	13.311	196	125162	52.21	ng		94

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44) 2,4,5-Trichlorophenol	13.387	196	133077	53.10	ng		94
46) 1,1'-Biphenyl	13.711	154	408438	48.61	ng		93
47) 2-Chloronaphthalene	13.758	162	326270	50.57	ng		99
48) 2-Nitroaniline	13.957	65	145654	56.75	ng		94
49) Acenaphthylene	14.604	152	544179	51.48	ng		97
50) Dimethylphthalate	14.322	163	471709	54.18	ng		99
51) 2,6-Dinitrotoluene	14.445	165	98967	56.75	ng		91
52) Acenaphthene	14.939	154	381353m	56.14	ng		
53) 3-Nitroaniline	14.774	138	52605	25.50	ng		88
54) 2,4-Dinitrophenol	14.980	184	93161	86.11	ng		92
55) Dibenzofuran	15.273	168	520815	49.57	ng		97
56) 4-Nitrophenol	15.074	139	158816	95.71	ng	#	82
57) 2,4-Dinitrotoluene	15.226	165	141395	57.52	ng		94
58) Fluorene	15.920	166	419617	52.00	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	111921	51.27	ng		95
60) Diethylphthalate	15.673	149	477650	52.21	ng		97
61) 4-Chlorophenyl-phenyle...	15.902	204	223505	50.62	ng		97
62) 4-Nitroaniline	15.937	138	108998	50.79	ng	#	67
63) Azobenzene	16.196	77	531448	50.18	ng		83
65) 4,6-Dinitro-2-methylph...	15.990	198	72815	47.13	ng		91
66) n-Nitrosodiphenylamine	16.119	169	382034	52.27	ng		97
67) 4-Bromophenyl-phenylether	16.801	248	133722	51.59	ng		98
68) Hexachlorobenzene	16.919	284	138323	53.69	ng		94
69) Atrazine	17.060	200	152922	53.11	ng		97
70) Pentachlorophenol	17.259	266	130429	74.37	ng		98
71) Phenanthrene	17.665	178	697380	51.45	ng		98
72) Anthracene	17.753	178	707806	52.55	ng		97
73) Carbazole	18.017	167	651659	48.54	ng		98
74) Di-n-butylphthalate	18.552	149	808414	51.31	ng		97
75) Fluoranthene	19.657	202	809057	48.56	ng		95
77) Benzidine	19.833	184	97640	13.63	ng		97
78) Pyrene	20.021	202	817943	52.18	ng		96
80) Butylbenzylphthalate	20.884	149	368702	55.60	ng		92
81) Benzo(a)anthracene	21.901	228	760952	52.05	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	149989	30.96	ng	#	98
83) Chrysene	21.971	228	724378	52.67	ng		96
84) Bis(2-ethylhexyl)phtha...	21.772	149	522170	55.42	ng	#	98
85) Di-n-octyl phthalate	23.053	149	887354	56.47	ng		96
87) Indeno(1,2,3-cd)pyrene	29.257	276	847468	53.95	ng	#	93
88) Benzo(b)fluoranthene	24.245	252	776690	56.23	ng	#	93
89) Benzo(k)fluoranthene	24.316	252	732602	53.91	ng	#	97
90) Benzo(a)pyrene	25.179	252	737550	62.80	ng	#	94
91) Dibenzo(a,h)anthracene	29.333	278	709989	54.64	ng	#	90
92) Benzo(g,h,i)perylene	30.497	276	707784	55.62	ng	#	90

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

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