Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048106.D
Acq On : 4 Feb 2021 00:59
Operator : CG/JU
Sample : M1291-14MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OU421-008-0510MSD

Manual Integrations APPROVED
mohammad
2/4/2021 11:13:02 AM

Quant Time: Feb 04 02:04:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.114	152	50447	20.00	ng		# 0.00
21) Naphthalene-d8	10.929	136	212054	20.00	ng		0.00
39) Acenaphthene-d10	14.742	164	156793	20.00	ng		0.00
64) Phenanthrene-d10	17.480	188	376281	20.00	ng		# 0.00
76) Chrysene-d12	21.757	240	381728	20.00	ng		# 0.00
86) Perylene-d12	25.030	264	390778	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	341221	103.95	ng		0.00
7) Phenol-d6	7.268	99	485596	97.30	ng		0.00
23) Nitrobenzene-d5	9.278	82	324766	60.60	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	244690	93.70	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	701721	57.86	ng		0.00
79) Terphenyl-d14	20.077	244	1100553	49.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	50807	34.72	ng		95
3) Pyridine	3.955	79	150420	34.25	ng		90
4) n-Nitrosodimethylamine	3.866	42	86570	42.66	ng		80
6) Aniline	7.433	93	230867	38.29	ng		92
8) 2-Chlorophenol	7.680	128	167761	48.82	ng		92
9) Benzaldehyde	7.245	77	95416	37.27	ng		87
10) Phenol	7.292	94	237449	49.63	ng		77
11) bis(2-Chloroethyl)ether	7.527	93	161898	43.21	ng		97
12) 1,3-Dichlorobenzene	8.003	146	175708	42.37	ng	#	93
13) 1,4-Dichlorobenzene	8.150	146	175927	42.32	ng		95
14) 1,2-Dichlorobenzene	8.473	146	173675	43.76	ng		94
15) Benzyl Alcohol	8.349	79	192323	45.55	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.643	45	206064	39.19	ng		93
17) 2-Methylphenol	8.549	107	154200	47.69	ng	#	88
18) Hexachloroethane	9.207	117	67844	41.83	ng		98
19) n-Nitroso-di-n-propyla...	8.919	70	151162	41.50	ng		96
20) 3+4-Methylphenols	8.878	107	205385	45.91	ng		88
22) Acetophenone	8.937	105	269519	41.24	ng		94
24) Nitrobenzene	9.319	77	225145	41.95	ng	#	83
25) Isophorone	9.848	82	404720	42.08	ng	#	93
26) 2-Nitrophenol	10.036	139	101360	45.90	ng	#	80
27) 2,4-Dimethylphenol	10.089	122	158608	49.43	ng	#	83
28) bis(2-Chloroethoxy)met...	10.324	93	231067	39.93	ng		96
29) 2,4-Dichlorophenol	10.570	162	191161	46.30	ng		97
30) 1,2,4-Trichlorobenzene	10.788	180	205592	41.19	ng		99
31) Naphthalene	10.982	128	505865	41.26	ng		98
32) Benzoic acid	10.230	122	118236	41.14	ng	#	73
33) 4-Chloroaniline	11.076	127	130157	23.23	ng	#	93
34) Hexachlorobutadiene	11.264	225	147434	41.59	ng		96
35) Caprolactam	11.857	113	62488m	39.76	ng		
36) 4-Chloro-3-methylphenol	12.192	107	204353	44.11	ng		89
37) 2-Methylnaphthalene	12.574	142	395384	42.70	ng	#	94
38) 1-Methylnaphthalene	12.791	142	364440m	41.25	ng		
40) 1,2,4,5-Tetrachloroben...	12.938	216	259615	43.43	ng	#	96
41) Hexachlorocyclopentadiene	12.921	237	358888	106.00	ng		99
43) 2,4,6-Trichlorophenol	13.173	196	187546	44.99	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	195315	45.21	ng	#	94
46) 1,1'-Biphenyl	13.573	154	524124	43.24	ng		99
47) 2-Chloronaphthalene	13.620	162	426475	40.43	ng		99
48) 2-Nitroaniline	13.814	65	153568	40.11	ng	#	78
49) Acenaphthylene	14.466	152	639254	41.06	ng		99
50) Dimethylphthalate	14.190	163	589419	41.53	ng		99
51) 2,6-Dinitrotoluene	14.307	165	125131	42.42	ng	#	65
52) Acenaphthene	14.807	154	508372m	48.23	ng		
53) 3-Nitroaniline	14.636	138	91400	28.24	ng	#	66
54) 2,4-Dinitrophenol	14.842	184	185197	100.40	ng	#	72
55) Dibenzofuran	15.136	168	660629	41.33	ng		95
56) 4-Nitrophenol	14.936	139	205422	81.35	ng	#	51
57) 2,4-Dinitrotoluene	15.094	165	178763	41.96	ng	#	79
58) Fluorene	15.782	166	529304	41.18	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.359	232	194956	45.13	ng	#	96
60) Diethylphthalate	15.547	149	574434	39.37	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	324790	41.27	ng		99
62) 4-Nitroaniline	15.800	138	128938	36.58	ng	#	65
63) Azobenzene	16.070	77	553426	40.30	ng		92
65) 4,6-Dinitro-2-methylph...	15.858	198	126010	51.89	ng		94
66) n-Nitrosodiphenylamine	15.988	169	489352	43.27	ng		98
67) 4-Bromophenyl-phenylether	16.669	248	223640	44.48	ng		96
68) Hexachlorobenzene	16.787	284	230276	42.11	ng		95
69) Atrazine	16.928	200	181442	42.24	ng		96
70) Pentachlorophenol	17.127	266	313460	94.41	ng		99
71) Phenanthrene	17.527	178	912547	42.04	ng		97
72) Anthracene	17.615	178	928280	43.48	ng		98
73) Carbazole	17.879	167	822874	41.30	ng		99
74) Di-n-butylphthalate	18.432	149	956521	39.31	ng	#	97
75) Fluoranthene	19.525	202	1171482	41.16	ng		97
77) Benzidine	19.701	184	579380	52.61	ng		98
78) Pyrene	19.889	202	1152884	41.24	ng		99
80) Butylbenzylphthalate	20.764	149	428111	40.10	ng		89
81) Benzo(a)anthracene	21.734	228	1173598	42.30	ng		99
82) 3,3'-Dichlorobenzidine	21.646	252	335504	35.89	ng		98
83) Chrysene	21.804	228	1120048	42.49	ng		98
84) Bis(2-ethylhexyl)phtha...	21.634	149	602173	41.18	ng		98
85) Di-n-octyl phthalate	22.868	149	1033551	42.25	ng		97
87) Indeno(1,2,3-cd)pyrene	28.778	276	1378770	43.86	ng	#	89
88) Benzo(b)fluoranthene	23.990	252	1198999	43.17	ng	#	97
89) Benzo(k)fluoranthene	24.066	252	1154609	42.78	ng	#	96
90) Benzo(a)pyrene	24.877	252	1094414	41.96	ng	#	97
91) Dibenzo(a,h)anthracene	28.843	278	1138029	43.87	ng	#	95
92) Benzo(g,h,i)perylene	29.954	276	1123909	44.98	ng	#	94

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

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