Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044446.D
Acq On : 14 Feb 2020 19:57
Operator : CG/JU
Sample : L1525-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Manual Integrations APPROVED
mohammad
2/17/2020 3:48:39 PM

Quant Time: Feb 17 00:21:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	62299	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	261753	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	172250	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	400705	20.00	ng	0.00
76) Chrysene-d12	21.52	240	401667	20.00	ng	-0.01
87) Perylene-d12	24.61	264	431239	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	491181	139.14	ng	0.00
7) Phenol-d6	7.07	99	644865	136.04	ng	0.00
23) Nitrobenzene-d5	9.05	82	387680	83.62	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	274210	135.61	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	881546	85.70	ng	0.00
79) Terphenyl-d14	19.89	244	1477957	75.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	61698	38.901	ng	99
3) Pyridine	3.74	79	158276	37.457	ng	100
4) n-Nitrosodimethylamine	3.66	42	81414	46.108	ng	99
6) Aniline	7.22	93	156538	26.604	ng	99
8) 2-Chlorophenol	7.46	128	209153	53.911	ng	99
9) Benzaldehyde	7.03	77	87022	32.233	ng	97
10) Phenol	7.10	94	253389	54.013	ng	100
11) bis(2-Chloroethyl)ether	7.31	93	188986	47.120	ng	96
12) 1,3-Dichlorobenzene	7.78	146	214708	46.352	ng	97
13) 1,4-Dichlorobenzene	7.93	146	217164	47.336	ng	98
14) 1,2-Dichlorobenzene	8.25	146	204415	47.140	ng	99
15) Benzyl Alcohol	8.13	79	168087	50.086	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	248520	45.781	ng	99
17) 2-Methylphenol	8.34	107	176309	52.675	ng	100
18) Hexachloroethane	8.98	117	78410	45.545	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	149892	47.447	ng	97
20) 3+4-Methylphenols	8.67	107	238589	51.723	ng	100
22) Acetophenone	8.71	105	281708	44.241	ng	99
24) Nitrobenzene	9.09	77	210416	46.488	ng	100
25) Isophorone	9.62	82	413505	47.850	ng	100
26) 2-Nitrophenol	9.81	139	119675	50.955	ng	100
27) 2,4-Dimethylphenol	9.88	122	193953	58.502	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	262166	45.477	ng	100
29) 2,4-Dichlorophenol	10.35	162	203447	50.750	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	207922	45.233	ng	99
31) Naphthalene	10.75	128	607089	47.804	ng	99
32) Benzoic acid	10.04	122	57263	32.652	ng	94
33) 4-Chloroaniline	10.86	127	63416	10.980	ng	98
34) Hexachlorobutadiene	11.04	225	123346	43.609	ng	100
35) Caprolactam	11.62	113	77930m	53.068	ng	
36) 4-Chloro-3-methylphenol	11.99	107	214804	51.107	ng	99
37) 2-Methylnaphthalene	12.36	142	453809	48.129	ng	99
38) 1-Methylnaphthalene	12.57	142	430706	48.451	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	226481	43.955	ng	99

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Quant Time: Feb 17 00:21:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	256042	103.562	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	163367	49.052	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	174758	51.373	ng	99
46) 1,1'-Biphenyl	13.37	154	579223	46.619	ng	99
47) 2-Chloronaphthalene	13.41	162	451651	45.682	ng	100
48) 2-Nitroaniline	13.61	65	132756	45.499	ng	97
49) Acenaphthylene	14.25	152	726898	50.126	ng	99
50) Dimethylphthalate	13.99	163	635470	51.323	ng	100
51) 2,6-Dinitrotoluene	14.11	165	135727	49.163	ng	100
52) Acenaphthene	14.60	154	445008	47.344	ng	98
53) 3-Nitroaniline	14.44	138	61951	20.283	ng	95
54) 2,4-Dinitrophenol	14.65	184	156115	93.962	ng	97
55) Dibenzofuran	14.94	168	699620	49.161	ng	98
56) 4-Nitrophenol	14.77	139	258285	115.444	ng	93
57) 2,4-Dinitrotoluene	14.90	165	193040	49.889	ng	96
58) Fluorene	15.58	166	557735	49.759	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	158350	51.535	ng	100
60) Diethylphthalate	15.36	149	609803	49.427	ng	100
61) 4-Chlorophenyl-phenylether	15.58	204	290895	47.864	ng	97
62) 4-Nitroaniline	15.61	138	137502	45.053	ng	97
63) Azobenzene	15.87	77	533798	49.366	ng	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	121592	54.972	ng	98
66) n-Nitrosodiphenylamine	15.79	169	525010	46.753	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	196813	45.082	ng	99
68) Hexachlorobenzene	16.59	284	217187	44.406	ng	99
69) Atrazine	16.75	200	213102	55.366	ng	98
70) Pentachlorophenol	16.94	266	237280	95.311	ng	96
71) Phenanthrene	17.32	178	936814	48.281	ng	98
72) Anthracene	17.41	178	968962	50.510	ng	99
73) Carbazole	17.68	167	902732	51.045	ng	99
74) Di-n-butylphthalate	18.25	149	1116201	51.075	ng	99
75) Fluoranthene	19.33	202	1179594	52.552	ng	99
77) Benzidine	19.51	184	528677	47.452	ng	98
78) Pyrene	19.69	202	1185649	45.964	ng	99
80) Butylbenzylphthalate	20.58	149	531561	45.219	ng	97
81) Benzo(a)anthracene	21.50	228	1146340	46.307	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	202399	21.066	ng	99
83) Chrysene	21.57	228	1084185	45.310	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	749615	46.330	ng	100
85) Di-n-octyl phthalate	22.59	149	1301742	46.499	ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	1405618	45.026	ng	100
88) Benzo(b)fluoranthene	23.63	252	1226506	49.357	ng	99
89) Benzo(k)fluoranthene	23.70	252	1170044	48.311	ng	99
90) Benzo(a)pyrene	24.47	252	1116128	47.505	ng	100
91) Dibenzo(a,h)anthracene	28.16	278	1156006	49.716	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1177996	50.608	ng	98

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

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