Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043512.D
Acq On : 5 Nov 2019 17:50
Operator : JU
Sample : K5676-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-02-110119MSD

Manual Integrations APPROVED
mohammad
11/6/2019 8:41:15 AM

Quant Time: Nov 06 02:22:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39219	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	154686	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	112989	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	279176	20.00	ng	0.00
76) Chrysene-d12	21.66	240	300905	20.00	ng	0.00
87) Perylene-d12	24.85	264	358731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	264135	123.41	ng	0.00
7) Phenol-d6	7.20	99	362554	117.74	ng	0.00
23) Nitrobenzene-d5	9.18	82	219291	73.09	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	238712	111.02	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	571280	69.86	ng	0.00
79) Terphenyl-d14	20.00	244	1244220	77.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	27934	33.492	ng	# 58
3) Pyridine	3.89	79	38473	18.287	ng	# 93
4) n-Nitrosodimethylamine	3.79	42	46086	43.410	ng	92
6) Aniline	7.34	93	35237	9.934	ng	99
8) 2-Chlorophenol	7.58	128	106969	45.276	ng	95
9) Benzaldehyde	7.15	77	56221	37.151	ng	96
10) Phenol	7.23	94	136940	48.666	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	88794	40.815	ng	98
12) 1,3-Dichlorobenzene	7.90	146	115382	38.979	ng	99
13) 1,4-Dichlorobenzene	8.05	146	118554	39.585	ng	95
14) 1,2-Dichlorobenzene	8.37	146	113782	38.910	ng	95
15) Benzyl Alcohol	8.26	79	95628	44.219	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	115683	36.570	ng	98
17) 2-Methylphenol	8.47	107	88326	43.058	ng	98
18) Hexachloroethane	9.09	117	40892	37.844	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	78994	39.700	ng	95
20) 3+4-Methylphenols	8.80	107	123085	43.758	ng	98
22) Acetophenone	8.84	105	154908	39.105	ng	# 99
24) Nitrobenzene	9.22	77	115101	40.270	ng	98
25) Isophorone	9.73	82	225662	41.137	ng	99
26) 2-Nitrophenol	9.93	139	63686	46.152	ng	93
27) 2,4-Dimethylphenol	10.00	122	93838	47.446	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	120220	39.708	ng	97
29) 2,4-Dichlorophenol	10.48	162	111639	44.055	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	123206	38.576	ng	98
31) Naphthalene	10.87	128	320882	40.867	ng	99
32) Benzoic acid	10.17	122	50396	36.129	ng	90
33) 4-Chloroaniline	11.00	127	10187	3.165	ng	97
34) Hexachlorobutadiene	11.15	225	87235	36.949	ng	96
35) Caprolactam	11.76	113	35207m	40.340	ng	
36) 4-Chloro-3-methylphenol	12.11	107	118529	42.881	ng	98
37) 2-Methylnaphthalene	12.47	142	247506	41.083	ng	98
38) 1-Methylnaphthalene	12.69	142	231220	40.337	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	156846	37.509	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	156155	71.090	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	102689	41.700	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	112952	45.370	ng		96
46) 1,1'-Biphenyl	13.47	154	331900	38.613	ng		98
47) 2-Chloronaphthalene	13.52	162	254006	38.838	ng		97
48) 2-Nitroaniline	13.72	65	78138	39.974	ng		97
49) Acenaphthylene	14.36	152	423473	41.604	ng		98
50) Dimethylphthalate	14.09	163	383425	43.811	ng		98
51) 2,6-Dinitrotoluene	14.22	165	79295	41.706	ng		92
52) Acenaphthene	14.71	154	248742	40.072	ng		95
53) 3-Nitroaniline	14.56	138	21013	11.447	ng	#	93
54) 2,4-Dinitrophenol	14.76	184	85691	72.887	ng		98
55) Dibenzofuran	15.04	168	411519	40.881	ng		97
56) 4-Nitrophenol	14.89	139	114657	93.206	ng		94
57) 2,4-Dinitrotoluene	15.01	165	113229	41.671	ng	#	99
58) Fluorene	15.69	166	343787	40.720	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	115422	43.636	ng		97
60) Diethylphthalate	15.46	149	349001	39.688	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	196653	39.927	ng		98
62) 4-Nitroaniline	15.72	138	71513	37.722	ng		99
63) Azobenzene	15.97	77	292524	41.103	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	70906	43.158	ng		96
66) n-Nitrosodiphenylamine	15.90	169	310383	39.379	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	140956	37.517	ng		99
68) Hexachlorobenzene	16.70	284	157435	36.505	ng		95
69) Atrazine	16.84	200	137739	50.292	ng		97
70) Pentachlorophenol	17.04	266	168795	85.896	ng		97
71) Phenanthrene	17.43	178	559895	39.165	ng		99
72) Anthracene	17.52	178	579148	40.491	ng		99
73) Carbazole	17.80	167	525162	40.545	ng		99
74) Di-n-butylphthalate	18.34	149	634861	40.395	ng		99
75) Fluoranthene	19.44	202	746704	40.065	ng		99
77) Benzidine	19.63	184	28683	4.736	ng		98
78) Pyrene	19.80	202	759286	40.766	ng		98
80) Butylbenzylphthalate	20.68	149	289895	41.082	ng		96
81) Benzo(a)anthracene	21.64	228	766747	40.680	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	104415	14.323	ng		98
83) Chrysene	21.70	228	753952	40.259	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	416826	41.583	ng		99
85) Di-n-octyl phthalate	22.74	149	721782	42.442	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1005893	42.790	ng		99
88) Benzo(b)fluoranthene	23.84	252	822412	40.478	ng		100
89) Benzo(k)fluoranthene	23.91	252	824221	40.297	ng		96
90) Benzo(a)pyrene	24.71	252	765419	39.451	ng		100
91) Dibenzo(a,h)anthracene	28.56	278	845681	42.614	ng		98
92) Benzo(g,h,i)perylene	29.64	276	843997	43.116	ng		97

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

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