Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060820\
Data File : BG045651.D
Acq On : 8 Jun 2020 20:56
Operator : CG/JU
Sample : L2814-13MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-01-060320MS

Manual Integrations APPROVED
mohammad
6/9/2020 12:22:23 PM

Quant Time: Jun 09 01:13:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59417	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	240149	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	165967	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	388904	20.00	ng		0.00
76) Chrysene-d12	21.61	240	371774	20.00	ng		0.00
87) Perylene-d12	24.75	264	398102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	470371	154.71	ng		0.00
7) Phenol-d6	7.15	99	592073	136.82	ng		0.00
23) Nitrobenzene-d5	9.12	82	487152	110.62	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	347989	163.95	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1068170	109.17	ng		0.00
79) Terphenyl-d14	19.96	244	1803683	113.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	64869	43.026	ng	#	50
3) Pyridine	3.82	79	129961	30.951	ng		98
4) n-Nitrosodimethylamine	3.72	42	69843	50.831	ng		91
6) Aniline	7.28	93	189970	33.630	ng		97
8) 2-Chlorophenol	7.52	128	186362	55.896	ng		98
9) Benzaldehyde	7.08	77	102027	36.188	ng		99
10) Phenol	7.17	94	213142	47.791	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	177352	50.982	ng		99
12) 1,3-Dichlorobenzene	7.84	146	197205	49.219	ng		98
13) 1,4-Dichlorobenzene	7.98	146	197259	49.888	ng		93
14) 1,2-Dichlorobenzene	8.31	146	189662	49.872	ng		97
15) Benzyl Alcohol	8.19	79	204984	57.342	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164438	49.798	ng		96
17) 2-Methylphenol	8.42	107	166581	49.902	ng		95
18) Hexachloroethane	9.03	117	77937	51.465	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	160855	53.755	ng		97
20) 3+4-Methylphenols	8.75	107	223578	49.184	ng		95
22) Acetophenone	8.78	105	296900	52.163	ng	#	98
24) Nitrobenzene	9.15	77	245191	51.966	ng		96
25) Isophorone	9.68	82	452476	52.171	ng		98
26) 2-Nitrophenol	9.87	139	108752	53.880	ng		98
27) 2,4-Dimethylphenol	9.95	122	179761	60.048	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	243895	53.623	ng		99
29) 2,4-Dichlorophenol	10.42	162	198257	56.083	ng		96
30) 1,2,4-Trichlorobenzene	10.62	180	218085	52.208	ng		99
31) Naphthalene	10.81	128	587689	52.515	ng		100
32) Benzoic acid	10.12	122	64237	34.985	ng		85
33) 4-Chloroaniline	10.92	127	84291	18.019	ng		96
34) Hexachlorobutadiene	11.10	225	150191	50.865	ng		98
35) Caprolactam	11.71	113	49004m	37.766	ng		
36) 4-Chloro-3-methylphenol	12.07	107	228028	57.244	ng		91
37) 2-Methylnaphthalene	12.42	142	444276	53.265	ng		95
38) 1-Methylnaphthalene	12.64	142	417176	52.948	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	253659	54.719	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	12.77	237	265218	99.123 ng	99
43) 2,4,6-Trichlorophenol	13.03	196	175387	54.464 ng	99
44) 2,4,5-Trichlorophenol	13.12	196	182932	49.711 ng	99
46) 1,1'-Biphenyl	13.43	154	569891	55.883 ng	98
47) 2-Chloronaphthalene	13.47	162	433471	52.345 ng	99
48) 2-Nitroaniline	13.68	65	145627	53.460 ng	91
49) Acenaphthylene	14.32	152	710612	53.423 ng	99
50) Dimethylphthalate	14.05	163	745483	65.478 ng	97
51) 2,6-Dinitrotoluene	14.17	165	136112	52.981 ng	98
52) Acenaphthene	14.66	154	532659m	59.824 ng	
53) 3-Nitroaniline	14.50	138	86397	33.082 ng	89
54) 2,4-Dinitrophenol	14.72	184	155667	91.645 ng	98
55) Dibenzofuran	15.00	168	697666	52.764 ng	97
56) 4-Nitrophenol	14.85	139	158541	80.184 ng	84
57) 2,4-Dinitrotoluene	14.96	165	192408	51.713 ng	98
58) Fluorene	15.64	166	577722	53.184 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	174010	53.748 ng	98
60) Diethylphthalate	15.41	149	613781	51.795 ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	320954	51.633 ng	97
62) 4-Nitroaniline	15.67	138	137251	50.342 ng	93
63) Azobenzene	15.93	77	589697	53.368 ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	123645	54.590 ng	97
66) n-Nitrosodiphenylamine	15.85	169	511069	54.733 ng	98
67) 4-Bromophenyl-phenylether	16.53	248	223723	53.126 ng	99
68) Hexachlorobenzene	16.66	284	241527	54.836 ng	98
69) Atrazine	16.81	200	196056	50.976 ng	97
70) Pentachlorophenol	17.01	266	237980	104.057 ng	98
71) Phenanthrene	17.39	178	924335	54.444 ng	99
72) Anthracene	17.48	178	936308	54.916 ng	97
73) Carbazole	17.75	167	873617	52.566 ng	98
74) Di-n-butylphthalate	18.31	149	1053159	52.797 ng	100
75) Fluoranthene	19.40	202	1160988	53.762 ng	99
77) Benzidine	19.57	184	320445	30.690 ng	98
78) Pyrene	19.76	202	1166514	55.043 ng	99
80) Butylbenzylphthalate	20.65	149	474986	51.926 ng	99
81) Benzo(a)anthracene	21.58	228	1121575	54.155 ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	283132	34.852 ng	97
83) Chrysene	21.65	228	1075459	54.006 ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	668228	53.142 ng	98
85) Di-n-octyl phthalate	22.68	149	1108478	51.326 ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1382740	53.099 ng	98
88) Benzo(b)fluoranthene	23.76	252	1197143	56.070 ng	99
89) Benzo(k)fluoranthene	23.83	252	1126308	56.151 ng	98
90) Benzo(a)pyrene	24.60	252	1069662	53.794 ng	98
91) Dibenzo(a,h)anthracene	28.38	278	1142347	57.169 ng	98
92) Benzo(g,h,i)perylene	29.44	276	1150267	57.558 ng	98

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

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