Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037935.D
Acq On : 10 Nov 2018 00:30
Operator : JU/SJ
Sample : J5863-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-3263MS

Manual Integrations APPROVED
Sohil
11/12/2018 11:10:32 AM

Quant Time: Nov 12 07:20:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50529	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	224240	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	144895	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	329840	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	294250	20.00	ng	-0.01
87) Perylene-d12	25.09	264	296336	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	350998	116.13	ng	0.00
7) Phenol-d6	7.25	99	471868	103.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	324627	81.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	194533	123.09	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	737901	76.79	ng	-0.02
79) Terphenyl-d14	20.08	244	1133946	82.34	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	48823	31.854	ng	# 12
3) Pyridine	3.94	79	145808	37.744	ng	99
4) n-Nitrosodimethylamine	3.85	42	69181	50.278	ng	90
6) Aniline	7.42	93	97729	17.529	ng	97
8) 2-Chlorophenol	7.66	128	170133	48.119	ng	97
9) Benzaldehyde	7.23	77	83566	29.231	ng	95
10) Phenol	7.27	94	197662	40.992	ng	100
11) bis(2-Chloroethyl)ether	7.52	93	163428	44.624	ng	96
12) 1,3-Dichlorobenzene	7.98	146	178824	45.431	ng	99
13) 1,4-Dichlorobenzene	8.13	146	179528	44.589	ng	98
14) 1,2-Dichlorobenzene	8.45	146	170771	44.092	ng	98
15) Benzyl Alcohol	8.34	79	147469	43.670	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.61	45	304650	46.491	ng	98
17) 2-Methylphenol	8.53	107	151071	47.389	ng	99
18) Hexachloroethane	9.18	117	64921	47.296	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	135097	42.928	ng	95
20) 3+4-Methylphenols	8.85	107	213535	46.850	ng	99
22) Acetophenone	8.93	105	255420	45.417	ng	# 98
24) Nitrobenzene	9.31	77	199963	48.086	ng	94
25) Isophorone	9.83	82	392362	53.645	ng	97
26) 2-Nitrophenol	10.02	139	100697	53.752	ng	99
27) 2,4-Dimethylphenol	10.07	122	179504	53.666	ng	95
28) bis(2-Chloroethoxy)methane	10.31	93	237445	49.550	ng	97
29) 2,4-Dichlorophenol	10.55	162	187295	50.292	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	190319	46.993	ng	99
31) Naphthalene	10.96	128	561716	51.000	ng	99
32) Benzoic acid	10.19	122	71231	32.788	ng	99
33) 4-Chloroaniline	11.08	127	24764	4.785	ng	96
34) Hexachlorobutadiene	11.23	225	110000	45.828	ng	98
35) Caprolactam	11.86	113	53264m	35.661	ng	
36) 4-Chloro-3-methylphenol	12.18	107	207517	49.409	ng	98
37) 2-Methylnaphthalene	12.56	142	424837	52.914	ng	99
38) 1-Methylnaphthalene	12.78	142	403923	51.804	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	222164	47.535	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	245328	109.890	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	159632	51.125	ng		97
44) 2,4,5-Trichlorophenol	13.23	196	170671	50.204	ng		96
46) 1,1'-Biphenyl	13.56	154	549060	45.756	ng		98
47) 2-Chloronaphthalene	13.61	162	439396	48.400	ng		98
48) 2-Nitroaniline	13.82	65	144589	52.520	ng		95
49) Acenaphthylene	14.45	152	714159	52.295	ng		99
50) Dimethylphthalate	14.18	163	558304	49.807	ng		100
51) 2,6-Dinitrotoluene	14.31	165	128387	51.775	ng		96
52) Acenaphthene	14.79	154	417848	49.682	ng		98
53) 3-Nitroaniline	14.64	138	70477	25.602	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	48419	55.484	ng		90
55) Dibenzofuran	15.12	168	671566	48.194	ng		98
56) 4-Nitrophenol	14.94	139	208629	102.387	ng		99
57) 2,4-Dinitrotoluene	15.09	165	179302	55.084	ng		95
58) Fluorene	15.78	166	538293	51.585	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	146260	50.249	ng		99
60) Diethylphthalate	15.54	149	573697	49.852	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	281186	46.231	ng		99
62) 4-Nitroaniline	15.81	138	129763	47.438	ng		92
63) Azobenzene	16.06	77	535725	48.791	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	58812	36.464	ng		97
66) n-Nitrosodiphenylamine	15.98	169	486874	49.072	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	178562	49.297	ng		99
68) Hexachlorobenzene	16.77	284	178581	47.570	ng		98
69) Atrazine	16.92	200	179254	49.971	ng		99
70) Pentachlorophenol	17.12	266	160394	63.785	ng		94
71) Phenanthrene	17.52	178	864074	51.545	ng		99
72) Anthracene	17.61	178	880535	53.525	ng		99
73) Carbazole	17.89	167	785717	47.747	ng		99
74) Di-n-butylphthalate	18.41	149	949073	51.846	ng		100
75) Fluoranthene	19.52	202	991346	52.141	ng		99
77) Benzidine	19.71	184	108688	10.863	ng		100
78) Pyrene	19.89	202	995987	51.778	ng		100
80) Butylbenzylphthalate	20.76	149	433325	55.044	ng		94
81) Benzo(a)anthracene	21.74	228	923954	53.087	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	152005	22.532	ng		99
83) Chrysene	21.81	228	866664	51.785	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	606351	54.949	ng		99
85) Di-n-octyl phthalate	22.85	149	1027704	57.114	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	758818	42.274	ng	#	90
88) Benzo(b)fluoranthene	24.03	252	874480	53.827	ng		98
89) Benzo(k)fluoranthene	24.10	252	901269	56.623	ng		97
90) Benzo(a)pyrene	24.94	252	832970	53.957	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	586336	41.175	ng		97
92) Benzo(g,h,i)perylene	30.11	276	646412	44.869	ng		99

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

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