Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027242.D
Acq On : 6 Jun 2017 10:21
Operator : SJ/MA
Sample : I3398-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-COMPMSD

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:14 AM

Quant Time: Jun 07 14:05:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	49374	20.00	ng		-0.01
21) Naphthalene-d8	11.39	136	242210	20.00	ng		-0.01
38) Acenaphthene-d10	15.15	164	160519	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	368622	20.00	ng		-0.01
75) Chrysene-d12	22.29	240	420749	20.00	ng		-0.02
86) Perylene-d12	25.99	264	389215	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	555154	171.58	ng		0.00
7) Phenol-d6	7.70	99	791708	166.69	ng		0.00
23) Nitrobenzene-d5	9.73	82	434292	112.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	352987	167.00	ng		-0.01
44) 2-Fluorobiphenyl	13.78	172	1080710	94.19	ng		-0.01
78) Terphenyl-d14	20.48	244	1566803	95.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	54265	40.447	ng	#	78
3) Pyridine	4.54	79	159869	38.655	ng	#	71
4) n-Nitrosodimethylamine	4.45	42	77656	50.712	ng	#	47
6) Aniline	7.89	93	229200	38.321	ng	#	92
8) 2-Chlorophenol	8.13	128	193384	56.602	ng		86
9) Benzaldehyde	7.71	77	31046	9.454	ng		88
10) Phenol	7.73	94	304163	62.623	ng		76
11) bis(2-Chloroethyl)ether	7.97	93	187304	47.007	ng		84
12) 1,3-Dichlorobenzene	8.46	146	180798	46.917	ng	#	93
13) 1,4-Dichlorobenzene	8.60	146	187015	47.287	ng		95
14) 1,2-Dichlorobenzene	8.93	146	181758	47.120	ng		94
15) Benzyl Alcohol	8.79	79	191222	57.142	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	9.08	45	257494	45.163	ng		89
17) 2-Methylphenol	8.98	107	186004	54.176	ng	#	86
18) Hexachloroethane	9.66	117	63489	47.657	ng		88
19) n-Nitroso-di-n-propylamine	9.36	70	163260	49.136	ng	#	85
20) 3+4-Methylphenols	9.31	107	261912	55.071	ng		89
22) Acetophenone	9.38	105	303446	48.989	ng	#	83
24) Nitrobenzene	9.77	77	224531	51.173	ng	#	84
25) Isophorone	10.30	82	448021	49.471	ng	#	96
26) 2-Nitrophenol	10.48	139	103212	55.701	ng	#	77
27) 2,4-Dimethylphenol	10.52	122	217768	55.927	ng		92
28) bis(2-Chloroethoxy)methane	10.77	93	279008	47.580	ng		97
29) 2,4-Dichlorophenol	11.02	162	201807	56.772	ng		97
30) 1,2,4-Trichlorobenzene	11.24	180	190211	48.325	ng		98
31) Naphthalene	11.44	128	614326	46.408	ng		99
32) Benzoic acid	10.60	122	53422	24.543	ng	#	82
33) 4-Chloroaniline	11.53	127	159131	28.848	ng	#	88
34) Hexachlorobutadiene	11.71	225	111184	45.962	ng		97
35) Caprolactam	12.32	113	75195m	61.679	ng		
36) 4-Chloro-3-methylphenol	12.60	107	249275	55.951	ng		92
37) 2-Methylnaphthalene	13.00	142	466604m	48.322	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	232104	46.415	ng		97
40) Hexachlorocyclopentadiene	13.34	237	251254	94.401	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	171013	56.383	ng		98
43) 2,4,5-Trichlorophenol	13.66	196	182380	53.736	ng		95
45) 1,1'-Biphenyl	13.99	154	618179	47.181	ng		98
46) 2-Chloronaphthalene	14.04	162	474416	48.295	ng		99
47) 2-Nitroaniline	14.23	65	152638	53.695	ng	#	77
48) Acenaphthylene	14.88	152	770335	46.337	ng		98
49) Dimethylphthalate	14.59	163	778950	61.173	ng		97
50) 2,6-Dinitrotoluene	14.71	165	135619	51.909	ng	#	72
51) Acenaphthene	15.22	154	558997	51.693	ng		99
52) 3-Nitroaniline	15.04	138	105710	40.033	ng		89
53) 2,4-Dinitrophenol	15.24	184	131407	96.454	ng		98
54) Dibenzofuran	15.55	168	765633	50.666	ng		91
55) 4-Nitrophenol	15.32	139	251520	102.689	ng	#	53
56) 2,4-Dinitrotoluene	15.50	165	185618	54.910	ng	#	85
57) Fluorene	16.19	166	624835	46.553	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.76	232	176779	58.348	ng		99
59) Diethylphthalate	15.95	149	643854	50.693	ng		99
60) 4-Chlorophenyl-phenylether	16.18	204	319634	47.276	ng		96
61) 4-Nitroaniline	16.21	138	145748	52.458	ng	#	67
62) Azobenzene	16.47	77	632493	53.730	ng		90
64) 4,6-Dinitro-2-methylphenol	16.26	198	107599	60.229	ng		92
65) n-Nitrosodiphenylamine	16.39	169	563175	48.732	ng		99
66) 4-Bromophenyl-phenylether	17.08	248	210720	48.298	ng		98
67) Hexachlorobenzene	17.20	284	224900	47.926	ng		91
68) Atrazine	17.33	200	205711	53.230	ng		97
69) Pentachlorophenol	17.54	266	292199	106.227	ng		97
70) Phenanthrene	17.95	178	976808	47.099	ng		96
71) Anthracene	18.04	178	1001148	48.184	ng		97
72) Carbazole	18.30	167	887622	45.294	ng		96
73) Di-n-butylphthalate	18.83	149	1059382	55.749	ng	#	94
74) Fluoranthene	19.93	202	1113242	50.246	ng		94
76) Benzidine	20.10	184	403611	31.844	ng		98
77) Pyrene	20.30	202	1125657	44.279	ng		97
79) Butylbenzylphthalate	21.19	149	470340	52.360	ng		90
80) Benzo(a)anthracene	22.27	228	1132313	47.190	ng		97
81) 3,3'-Dichlorobenzidine	22.16	252	336102	36.006	ng		98
82) Chrysene	22.35	228	1026016	44.538	ng		97
83) Bis(2-ethylhexyl)phthalate	22.14	149	688759	50.738	ng		99
84) Di-n-octyl phthalate	23.53	149	1150094	51.154	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.28	276	1341098	48.069	ng	#	94
87) Benzo(b)fluoranthene	24.81	252	1155260	47.859	ng	#	96
88) Benzo(k)fluoranthene	24.89	252	1123120	47.427	ng	#	93
89) Benzo(a)pyrene	25.82	252	1100638	48.436	ng	#	94
90) Dibenzo(a,h)anthracene	30.35	278	1149938	48.342	ng	#	94
91) Benzo(g,h,i)perylene	31.61	276	1100634	47.777	ng	#	90

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

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