Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092743.D
Acq On : 2 Feb 2017 18:59
Operator : SJ/MA
Sample : I1658-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMS

Manual Integrations APPROVED
mohammad
2/3/2017 1:22:30 PM

Quant Time: Feb 03 00:37:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	172467	20.00	ng		-0.03
21) Naphthalene-d8	8.22	136	585454	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	314859	20.00	ng		-0.02
63) Phenanthrene-d10	11.47	188	471195	20.00	ng		-0.02
75) Chrysene-d12	14.11	240	286154	20.00	ng		-0.03
86) Perylene-d12	15.56	264	321059	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1660222	165.15	ng		-0.01
7) Phenol-d6	6.59	99	1918106	148.29	ng		-0.01
23) Nitrobenzene-d5	7.52	82	1323877	125.92	ng		-0.02
41) 2,4,6-Tribromophenol	10.77	330	313674	137.74	ng		-0.03
44) 2-Fluorobiphenyl	9.31	172	1744585	100.38	ng		-0.02
78) Terphenyl-d14	13.05	244	1123904	92.29	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	253966	46.75	ng	#	84
3) Pyridine	3.38	79	692986	50.17	ng		86
4) n-Nitrosodimethylamine	3.34	42	401810	61.95	ng		82
6) Aniline	6.60	93	588437	33.35	ng	#	1
8) 2-Chlorophenol	6.73	128	583139	52.58	ng		93
9) Benzaldehyde	6.49	77	436444	47.10	ng		96
10) Phenol	6.60	94	916617	60.57	ng		79
11) bis(2-Chloroethyl)ether	6.68	93	676891	56.04	ng		97
12) 1,3-Dichlorobenzene	6.88	146	650747	50.10	ng	#	92
13) 1,4-Dichlorobenzene	6.96	146	699805	53.23	ng		97
14) 1,2-Dichlorobenzene	7.12	146	618321m	49.18	ng		
15) Benzyl Alcohol	7.08	79	536850	56.06	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	1075878	51.27	ng		98
17) 2-Methylphenol	7.21	107	537291	56.47	ng		98
18) Hexachloroethane	7.45	117	229073	51.04	ng	#	89
19) n-Nitroso-di-n-propylamine	7.36	70	440450	53.49	ng		94
20) 3+4-Methylphenols	7.36	107	607648	53.42	ng	#	76
22) Acetophenone	7.36	105	812624	60.79	ng	#	92
24) Nitrobenzene	7.53	77	655943	60.76	ng		98
25) Isophorone	7.77	82	1048691	53.53	ng		97
26) 2-Nitrophenol	7.85	139	310383	60.48	ng		87
27) 2,4-Dimethylphenol	7.89	122	526312	58.40	ng		94
28) bis(2-Chloroethoxy)methane	7.98	93	677877	52.25	ng		99
29) 2,4-Dichlorophenol	8.09	162	452759	53.87	ng		87
30) 1,2,4-Trichlorobenzene	8.17	180	473751	52.30	ng		94
31) Naphthalene	8.25	128	1504419	50.69	ng		99
32) Benzoic acid	7.89	122	526312	94.85	ng	#	9
33) 4-Chloroaniline	8.30	127	235954	20.27	ng		95
34) Hexachlorobutadiene	8.36	225	250274	50.22	ng		100
35) Caprolactam	8.68	113	143892m	54.43	ng		
36) 4-Chloro-3-methylphenol	8.80	107	463306	52.87	ng		99
37) 2-Methylnaphthalene	8.94	142	964542	50.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	453948	51.36	ng		99
40) Hexachlorocyclopentadiene	9.09	237	252207	63.25	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	329839	56.79	ng		96
43) 2,4,5-Trichlorophenol	9.28	196	337619m	53.06	ng		
45) 1,1'-Biphenyl	9.41	154	1241135	54.44	ng		99
46) 2-Chloronaphthalene	9.44	162	948951	53.21	ng		98
47) 2-Nitroaniline	9.53	65	305739	50.99	ng		96
48) Acenaphthylene	9.85	152	1344427	43.64	ng		99
49) Dimethylphthalate	9.71	163	1180436	55.66	ng		99
50) 2,6-Dinitrotoluene	9.78	165	263563	57.55	ng	#	80
51) Acenaphthene	10.02	154	809222	43.93	ng		97
52) 3-Nitroaniline	9.94	138	162463	31.00	ng		100
53) 2,4-Dinitrophenol	10.04	184	6278	7.27	ng	#	51
54) Dibenzofuran	10.19	168	1209918	49.11	ng		95
55) 4-Nitrophenol	10.12	139	392916	104.08	ng		83
56) 2,4-Dinitrotoluene	10.18	165	339786	55.72	ng	#	84
57) Fluorene	10.53	166	939921	49.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	233232	54.94	ng		94
59) Diethylphthalate	10.41	149	1046862	52.38	ng		98
60) 4-Chlorophenyl-phenylether	10.52	204	403984	44.36	ng		92
61) 4-Nitroaniline	10.56	138	220564	41.09	ng		91
62) Azobenzene	10.68	77	1050826	50.89	ng		94
64) 4,6-Dinitro-2-methylphenol	10.58	198	38954	15.50	ng	#	52
65) n-Nitrosodiphenylamine	10.65	169	890670	59.17	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	262598	53.34	ng		92
67) Hexachlorobenzene	11.08	284	262339	53.93	ng	#	93
68) Atrazine	11.17	200	286053	59.22	ng		96
69) Pentachlorophenol	11.28	266	220816	87.21	ng		98
70) Phenanthrene	11.49	178	1503785	55.70	ng		99
71) Anthracene	11.55	178	1391067	51.31	ng		97
72) Carbazole	11.70	167	1098125	42.38	ng		99
73) Di-n-butylphthalate	12.03	149	1505938	53.73	ng	#	95
74) Fluoranthene	12.68	202	1552711	55.76	ng		95
76) Benzidine	12.80	184	501198	41.10	ng		97
77) Pyrene	12.91	202	1482556	69.23	ng		100
79) Butylbenzylphthalate	13.52	149	528133	60.73	ng		100
80) Benzo(a)anthracene	14.10	228	1093019	62.45	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	267312	42.85	ng		97
82) Chrysene	14.13	228	981065	59.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	777531	65.38	ng	#	97
84) Di-n-octyl phthalate	14.69	149	1218734	62.93	ng		100
85) Indeno(1,2,3-cd)pyrene	17.04	276	1084861	85.47	ng		96
87) Benzo(b)fluoranthene	15.14	252	1050096m	49.69	ng		
88) Benzo(k)fluoranthene	15.17	252	975414m	53.46	ng		
89) Benzo(a)pyrene	15.51	252	995616	54.47	ng		98
90) Dibenzo(a,h)anthracene	17.05	278	867101	58.69	ng		97
91) Benzo(g,h,i)perylene	17.48	276	922817	61.83	ng	#	95

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

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