Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092046.D
Acq On : 30 Dec 2016 14:57
Operator : UM/SJ
Sample : H6262-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MSD

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:18 AM

Quant Time: Dec 30 16:11:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	199200	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	722669	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	383710	20.00	ng		-0.03
63) Phenanthrene-d10	11.20	188	637160	20.00	ng		-0.03
75) Chrysene-d12	13.84	240	479570	20.00	ng		-0.03
86) Perylene-d12	15.21	264	424688	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1862656	156.13	ng		-0.02
7) Phenol-d6	6.35	99	2326448	159.72	ng		-0.03
23) Nitrobenzene-d5	7.25	82	1280505	98.53	ng		-0.03
41) 2,4,6-Tribromophenol	10.51	330	511050	160.94	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	2040402	113.24	ng		-0.03
78) Terphenyl-d14	12.79	244	1936384	97.93	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	281476	47.92	ng		97
3) Pyridine	2.88	79	832586	40.62	ng		99
4) n-Nitrosodimethylamine	2.84	42	365425	47.26	ng		99
6) Aniline	6.35	93	498564	26.35	ng	#	72
8) 2-Chlorophenol	6.48	128	730756	53.85	ng		94
9) Benzaldehyde	6.22	77	86279	7.91	ng		97
10) Phenol	6.36	94	722311	43.52	ng		89
11) bis(2-Chloroethyl)ether	6.43	93	722775	54.73	ng		98
12) 1,3-Dichlorobenzene	6.62	146	754162	52.06	ng		96
13) 1,4-Dichlorobenzene	6.70	146	749206m	50.81	ng		
14) 1,2-Dichlorobenzene	6.85	146	667619	52.18	ng		99
15) Benzyl Alcohol	6.84	79	565027	49.93	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	941417	47.87	ng		83
17) 2-Methylphenol	6.97	107	562380	51.53	ng	#	92
18) Hexachloroethane	7.20	117	272065	49.77	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	533446	55.05	ng	#	90
20) 3+4-Methylphenols	7.13	107	738227	56.71	ng	#	73
22) Acetophenone	7.10	105	988004	55.43	ng	#	92
24) Nitrobenzene	7.28	77	737400	53.27	ng		92
25) Isophorone	7.52	82	1251248	52.18	ng		97
26) 2-Nitrophenol	7.60	139	348043	50.99	ng	#	80
27) 2,4-Dimethylphenol	7.64	122	493085	43.55	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	804563	55.33	ng		99
29) 2,4-Dichlorophenol	7.85	162	500081	52.16	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	540919	51.49	ng		98
31) Naphthalene	8.00	128	1781187	53.85	ng		99
32) Benzoic acid	7.74	122	81245	9.67	ng		96
33) 4-Chloroaniline	8.05	127	236280	15.84	ng	#	92
34) Hexachlorobutadiene	8.11	225	280292	50.54	ng		99
35) Caprolactam	8.43	113	169842m	53.91	ng		
36) 4-Chloro-3-methylphenol	8.56	107	574494	52.08	ng		99
37) 2-Methylnaphthalene	8.68	142	1097609	65.31	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	498182	51.39	ng		98
40) Hexachlorocyclopentadiene	8.84	237	444013	101.70	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	346591	51.12	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	371777	53.28	ng	#	89
45) 1,1'-Biphenyl	9.15	154	1440608	54.83	ng		98
46) 2-Chloronaphthalene	9.17	162	1099656	52.85	ng		96
47) 2-Nitroaniline	9.28	65	375278	50.66	ng		99
48) Acenaphthylene	9.58	152	1575640	49.24	ng		99
49) Dimethylphthalate	9.46	163	2034623	82.91	ng		98
50) 2,6-Dinitrotoluene	9.53	165	297360	55.36	ng	#	75
51) Acenaphthene	9.76	154	1014308	46.76	ng		99
52) 3-Nitroaniline	9.69	138	189632	28.53	ng		96
53) 2,4-Dinitrophenol	9.80	184	141314	47.28	ng	#	94
54) Dibenzofuran	9.93	168	1335190	45.57	ng		98
55) 4-Nitrophenol	9.88	139	462180	102.40	ng		96
56) 2,4-Dinitrotoluene	9.93	165	389655	57.80	ng		94
57) Fluorene	10.27	166	1134373	53.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	300382	54.43	ng		98
59) Diethylphthalate	10.16	149	1212563	50.88	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	501006	53.68	ng	#	77
61) 4-Nitroaniline	10.30	138	286093	41.53	ng		98
62) Azobenzene	10.42	77	1390485	52.99	ng		98
64) 4,6-Dinitro-2-methylphenol	10.34	198	176333	45.77	ng		84
65) n-Nitrosodiphenylamine	10.38	169	976067	51.63	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	321792	48.55	ng		99
67) Hexachlorobenzene	10.82	284	371495	52.44	ng		97
68) Atrazine	10.92	200	311830	51.13	ng		97
69) Pentachlorophenol	11.01	266	354300	101.92	ng		99
70) Phenanthrene	11.23	178	1859583	53.82	ng		98
71) Anthracene	11.28	178	1591139	57.23	ng		99
72) Carbazole	11.44	167	1430016	57.15	ng		99
73) Di-n-butylphthalate	11.78	149	2036700	63.94	ng	#	97
74) Fluoranthene	12.41	202	1674696	56.20	ng		98
76) Benzidine	12.53	184	356072	26.14	ng		99
77) Pyrene	12.64	202	1771098	50.34	ng		99
79) Butylbenzylphthalate	13.27	149	816661	51.03	ng		98
80) Benzo(a)anthracene	13.83	228	1381193	51.02	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	323000	31.47	ng		98
82) Chrysene	13.86	228	1304910	48.06	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	1023169	54.29	ng		99
84) Di-n-octyl phthalate	14.44	149	1898929	54.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.51	276	1253622	53.29	ng		99
87) Benzo(b)fluoranthene	14.83	252	1270983m	48.07	ng		
88) Benzo(k)fluoranthene	14.87	252	1280566m	56.80	ng		
89) Benzo(a)pyrene	15.16	252	1232077	52.50	ng	#	96
90) Dibenzo(a,h)anthracene	16.52	278	1019959	52.88	ng		98
91) Benzo(g,h,i)perylene	16.90	276	1062570	52.98	ng		97

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

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