Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092021.D
Acq On : 29 Dec 2016 13:26
Operator : UM/SJ
Sample : H6278-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-01MSD

Manual Integrations APPROVED
Sohil
12/30/2016 8:41:45 AM

Quant Time: Dec 29 14:53:19 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	6.69	152	206113	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	821118	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	417810	20.00	ng		-0.02
63) Phenanthrene-d10	11.21	188	681648	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	487952	20.00	ng		-0.02
86) Perylene-d12	15.23	264	458140	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	827068	67.00	ng		-0.02
7) Phenol-d6	6.36	99	677366	44.95	ng		-0.02
23) Nitrobenzene-d5	7.26	82	1354915	91.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	550218	159.13	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	2252803	115.03	ng		-0.02
78) Terphenyl-d14	12.80	244	2180892	108.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	116475	19.17	ng		96
3) Pyridine	2.91	79	187876	8.86	ng		94
4) n-Nitrosodimethylamine	2.83	42	129129	16.14	ng		99
6) Aniline	6.36	93	359594	18.37	ng	#	61
8) 2-Chlorophenol	6.49	128	503995	35.89	ng		90
9) Benzaldehyde	6.24	77	86601	7.66	ng		97
10) Phenol	6.37	94	253186	14.74	ng	#	70
11) bis(2-Chloroethyl)ether	6.43	93	565878	41.41	ng		96
12) 1,3-Dichlorobenzene	6.64	146	634148	42.31	ng		99
13) 1,4-Dichlorobenzene	6.70	146	617210	40.45	ng		98
14) 1,2-Dichlorobenzene	6.86	146	577589	43.63	ng		100
15) Benzyl Alcohol	6.85	79	290870	24.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	891694	43.82	ng	#	40
17) 2-Methylphenol	6.98	107	344740	30.53	ng	#	87
18) Hexachloroethane	7.21	117	229144	40.51	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	480844	47.96	ng		100
20) 3+4-Methylphenols	7.14	107	411001	30.51	ng	#	72
22) Acetophenone	7.12	105	944327	46.63	ng	#	88
24) Nitrobenzene	7.29	77	761129	48.39	ng		93
25) Isophorone	7.53	82	1281303	47.03	ng		96
26) 2-Nitrophenol	7.60	139	326617	42.11	ng		91
27) 2,4-Dimethylphenol	7.65	122	433808	33.72	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	851444	51.54	ng		99
29) 2,4-Dichlorophenol	7.86	162	473726	43.49	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	543085	45.50	ng		98
31) Naphthalene	8.01	128	1725304	45.91	ng		99
32) Benzoic acid	7.76	122	60076	6.30	ng		86
33) 4-Chloroaniline	8.06	127	357300	21.09	ng	#	93
34) Hexachlorobutadiene	8.12	225	272994	43.33	ng		99
35) Caprolactam	8.44	113	20048	5.60	ng	#	77
36) 4-Chloro-3-methylphenol	8.56	107	499545	39.85	ng		100
37) 2-Methylnaphthalene	8.69	142	1099759	50.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	525449	49.78	ng		98
40) Hexachlorocyclopentadiene	8.85	237	449876	94.91	ng		97

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Quant Time: Dec 29 14:53:19 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)
42) 2,4,6-Trichlorophenol	8.98	196	332103	44.99	ng		96
43) 2,4,5-Trichlorophenol	9.04	196	374834	49.34	ng	#	90
45) 1,1'-Biphenyl	9.16	154	1437293	50.24	ng		98
46) 2-Chloronaphthalene	9.18	162	1107247	48.87	ng		97
47) 2-Nitroaniline	9.29	65	362929	44.99	ng		96
48) Acenaphthylene	9.60	152	1556099	44.66	ng		99
49) Dimethylphthalate	9.47	163	1262920	47.26	ng		98
50) 2,6-Dinitrotoluene	9.54	165	289904	49.57	ng	#	72
51) Acenaphthene	9.77	154	1000127	42.34	ng		99
52) 3-Nitroaniline	9.70	138	198961	27.49	ng		96
53) 2,4-Dinitrophenol	9.81	184	210253	64.61	ng	#	89
54) Dibenzofuran	9.94	168	1345008	42.16	ng		98
55) 4-Nitrophenol	9.88	139	135111	27.49	ng	#	79
56) 2,4-Dinitrotoluene	9.94	165	383909	52.30	ng		94
57) Fluorene	10.28	166	1071644	46.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	295716	49.21	ng		98
59) Diethylphthalate	10.17	149	1257169	48.44	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	525617	51.72	ng	#	79
61) 4-Nitroaniline	10.32	138	283266	37.76	ng		98
62) Azobenzene	10.44	77	1464880	51.27	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	171137	41.52	ng		91
65) n-Nitrosodiphenylamine	10.40	169	1014599	50.16	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	334630	47.19	ng		97
67) Hexachlorobenzene	10.83	284	373312	49.26	ng		98
68) Atrazine	10.93	200	309076	47.37	ng		96
69) Pentachlorophenol	11.02	266	332160	89.32	ng		99
70) Phenanthrene	11.24	178	1837260	49.71	ng		99
71) Anthracene	11.29	178	1620003	52.35	ng		99
72) Carbazole	11.45	167	1451672	50.38	ng		99
73) Di-n-butylphthalate	11.79	149	2144127	62.85	ng		98
74) Fluoranthene	12.42	202	1624403	50.57	ng		99
76) Benzidine	12.54	184	337767	23.99	ng		97
77) Pyrene	12.65	202	1642047	45.87	ng		100
79) Butylbenzylphthalate	13.28	149	823303	50.56	ng		98
80) Benzo(a)anthracene	13.84	228	1424469	51.72	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	418555	40.07	ng		97
82) Chrysene	13.87	228	1340465	48.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	1095159	57.11	ng		99
84) Di-n-octyl phthalate	14.45	149	2075275	58.42	ng		100
85) Indeno(1,2,3-cd)pyrene	16.53	276	1226639	51.25	ng		99
87) Benzo(b)fluoranthene	14.85	252	1714309m	60.10	ng		
88) Benzo(k)fluoranthene	14.88	252	964017m	39.63	ng		
89) Benzo(a)pyrene	15.17	252	1203109	47.52	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	1016406	48.85	ng	#	96
91) Benzo(g,h,i)perylene	16.93	276	1043733	48.24	ng		98

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

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