Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091430.D
Acq On : 5 Dec 2016 20:55
Operator : UM/SJ
Sample : H5838-09MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15MSD

Manual Integrations APPROVED
sohil
12/6/2016 3:01:58 PM

Quant Time: Dec 06 00:43:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142011	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	588507	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	323344	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	557379	20.00	ng		0.00
75) Chrysene-d12	14.00	240	347811	20.00	ng		0.00
86) Perylene-d12	15.43	264	310527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	566357	65.15	ng		0.01
7) Phenol-d6	6.48	99	455144	42.53	ng		0.00
23) Nitrobenzene-d5	7.42	82	1066111	101.52	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	527531	172.33	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	1880171	105.28	ng		0.00
78) Terphenyl-d14	12.96	244	1863467	116.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	60132	15.29	ng		86
3) Pyridine	3.21	79	134361	12.07	ng	#	83
4) n-Nitrosodimethylamine	3.14	42	107746	18.45	ng		95
6) Aniline	6.50	93	414185	29.14	ng	#	73
8) 2-Chlorophenol	6.63	128	347107	36.42	ng	#	77
9) Benzaldehyde	6.39	77	129241	18.78	ng		87
10) Phenol	6.49	94	218613	17.36	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	444963	49.46	ng		98
12) 1,3-Dichlorobenzene	6.79	146	497180	46.89	ng		99
13) 1,4-Dichlorobenzene	6.87	146	520777	49.38	ng		99
14) 1,2-Dichlorobenzene	7.02	146	442769	45.07	ng		100
15) Benzyl Alcohol	7.00	79	280321	32.73	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	933520	48.26	ng		71
17) 2-Methylphenol	7.11	107	262483	34.84	ng	#	77
18) Hexachloroethane	7.36	117	178975	47.80	ng	#	85
19) n-Nitroso-di-n-propylamine	7.27	70	349027	51.77	ng	#	96
20) 3+4-Methylphenols	7.26	107	262345	28.52	ng	#	36
22) Acetophenone	7.26	105	686168	49.19	ng	#	83
24) Nitrobenzene	7.43	77	530629	49.35	ng		94
25) Isophorone	7.68	82	995835	53.53	ng		98
26) 2-Nitrophenol	7.75	139	235141	47.99	ng		97
27) 2,4-Dimethylphenol	7.80	122	421186	45.95	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	569853	50.89	ng		99
29) 2,4-Dichlorophenol	7.99	162	371500	46.07	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	475049	52.55	ng		96
31) Naphthalene	8.16	128	1461359	52.25	ng		99
32) Benzoic acid	7.88	122	77589	11.48	ng		93
33) 4-Chloroaniline	8.21	127	432347	36.16	ng		97
34) Hexachlorobutadiene	8.28	225	267571	48.14	ng		97
35) Caprolactam	8.58	113	15642	6.75	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	408371	46.91	ng		87
37) 2-Methylnaphthalene	8.85	142	923109	48.58	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	491902	53.96	ng		99
40) Hexachlorocyclopentadiene	9.01	237	469164	111.04	ng		99

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Quant Time: Dec 06 00:43:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	316153	53.37	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	310895	52.37	ng		96
45) 1,1'-Biphenyl	9.32	154	1160973	49.93	ng		97
46) 2-Chloronaphthalene	9.34	162	868139	50.14	ng		99
47) 2-Nitroaniline	9.43	65	292105	46.97	ng	#	78
48) Acenaphthylene	9.75	152	1322208	48.51	ng		99
49) Dimethylphthalate	9.62	163	1130428	57.74	ng		98
50) 2,6-Dinitrotoluene	9.68	165	278762	63.70	ng	#	72
51) Acenaphthene	9.92	154	1013702	55.14	ng		97
52) 3-Nitroaniline	9.84	138	163322	32.25	ng		89
53) 2,4-Dinitrophenol	9.96	184	277016	144.76	ng	#	77
54) Dibenzofuran	10.09	168	1331772	54.10	ng		98
55) 4-Nitrophenol	10.00	139	139465	38.12	ng		93
56) 2,4-Dinitrotoluene	10.08	165	363141	63.97	ng	#	80
57) Fluorene	10.44	166	938347	49.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	279434	55.12	ng		96
59) Diethylphthalate	10.32	149	1130287	58.48	ng	#	94
60) 4-Chlorophenyl-phenylether	10.44	204	537041	56.66	ng		98
61) 4-Nitroaniline	10.46	138	197281	41.48	ng		88
62) Azobenzene	10.60	77	1195913	60.64	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	184008	59.92	ng	#	33
65) n-Nitrosodiphenylamine	10.55	169	849218	50.25	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	333683	55.70	ng	#	72
67) Hexachlorobenzene	10.98	284	319729	49.39	ng	#	81
68) Atrazine	11.09	200	313328	57.25	ng		91
69) Pentachlorophenol	11.18	266	373123	97.90	ng		97
70) Phenanthrene	11.40	178	1372282	47.38	ng		99
71) Anthracene	11.45	178	1671467	58.15	ng		99
72) Carbazole	11.60	167	1225130	46.97	ng		99
73) Di-n-butylphthalate	11.94	149	1721181	58.22	ng		99
74) Fluoranthene	12.58	202	1638348	59.72	ng		98
76) Benzidine	12.70	184	355246	34.79	ng		98
77) Pyrene	12.81	202	1640200	62.14	ng		99
79) Butylbenzylphthalate	13.43	149	599177	60.62	ng		92
80) Benzo(a)anthracene	13.99	228	1108070	54.48	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	268164	37.42	ng	#	97
82) Chrysene	14.04	228	1196878	59.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	854876	68.24	ng	#	91
84) Di-n-octyl phthalate	14.61	149	1429312	75.39	ng		96
85) Indeno(1,2,3-cd)pyrene	16.83	276	1061555	57.60	ng	#	93
87) Benzo(b)fluoranthene	15.02	252	1228571m	63.65	ng		
88) Benzo(k)fluoranthene	15.05	252	730081m	44.98	ng		
89) Benzo(a)pyrene	15.37	252	937586	54.09	ng	#	94
90) Dibenzo(a,h)anthracene	16.85	278	882916	55.07	ng	#	93
91) Benzo(g,h,i)perylene	17.25	276	861123	52.09	ng		98

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

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