Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010317\
Data File : BF092066.D
Acq On : 3 Jan 2017 17:49
Operator : UM/SJ
Sample : H6322-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP9-COMP9MS

Manual Integrations APPROVED
Sohil
1/4/2017 2:05:44 PM

Quant Time: Jan 04 13:09:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 13:03:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	198855	20.00	ng		-0.04
21) Naphthalene-d8	7.96	136	837412	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	433320	20.00	ng		-0.05
63) Phenanthrene-d10	11.19	188	645488	20.00	ng		-0.04
75) Chrysene-d12	13.83	240	467146	20.00	ng		-0.04
86) Perylene-d12	15.20	264	437183	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1616663	135.75	ng		-0.03
7) Phenol-d6	6.34	99	1904320	130.97	ng		-0.04
23) Nitrobenzene-d5	7.24	82	1355441	90.00	ng		-0.05
41) 2,4,6-Tribromophenol	10.50	330	427936	119.33	ng		-0.04
44) 2-Fluorobiphenyl	9.04	172	2453090	121.54	ng		-0.04
78) Terphenyl-d14	12.78	244	1924244	99.90	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	264618	45.13	ng	#	85
3) Pyridine	2.98	79	604149m	29.52	ng		
4) n-Nitrosodimethylamine	2.87	42	334070	43.28	ng		100
6) Aniline	6.36	93	128415	6.80	ng	#	1
8) 2-Chlorophenol	6.47	128	700072	51.68	ng		86
9) Benzaldehyde	6.22	77	43506	3.79	ng		99
10) Phenol	6.36	94	751612	45.36	ng	#	67
11) bis(2-Chloroethyl)ether	6.41	93	776406	58.89	ng		100
12) 1,3-Dichlorobenzene	6.61	146	645848	44.66	ng	#	91
13) 1,4-Dichlorobenzene	6.69	146	675780	45.91	ng		97
14) 1,2-Dichlorobenzene	6.84	146	505460	39.57	ng		95
15) Benzyl Alcohol	6.82	79	446208	39.49	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	802380	40.87	ng		62
17) 2-Methylphenol	6.95	107	462959	42.49	ng	#	92
18) Hexachloroethane	7.18	117	243119	44.55	ng		90
19) n-Nitroso-di-n-propylamine	7.10	70	486800	50.32	ng		96
20) 3+4-Methylphenols	7.11	107	714749	55.00	ng	#	72
22) Acetophenone	7.09	105	944133	45.71	ng		94
24) Nitrobenzene	7.26	77	609829	38.02	ng		97
25) Isophorone	7.50	82	1375976	49.52	ng		95
26) 2-Nitrophenol	7.58	139	385762	48.77	ng		92
27) 2,4-Dimethylphenol	7.64	122	625642	47.69	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	821151	48.74	ng		100
29) 2,4-Dichlorophenol	7.83	162	575289	51.78	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	561835	46.15	ng		95
31) Naphthalene	7.98	128	1959111	51.12	ng		99
32) Benzoic acid	7.77	122	438033	45.02	ng		96
33) 4-Chloroaniline	8.05	127	79140	4.58	ng		99
34) Hexachlorobutadiene	8.09	225	305725	47.58	ng		99
35) Caprolactam	8.42	113	177546m	48.63	ng		
36) 4-Chloro-3-methylphenol	8.54	107	595908	46.62	ng		100
37) 2-Methylnaphthalene	8.66	142	1269842	65.03	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	496014	45.31	ng	#	97
40) Hexachlorocyclopentadiene	8.82	237	462613	94.14	ng		96

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Quant Time: Jan 04 13:09:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.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	8.96	196	395033	51.60	ng		99
43) 2,4,5-Trichlorophenol	9.01	196	335958	42.64	ng		94
45) 1,1'-Biphenyl	9.13	154	1457019	49.11	ng		96
46) 2-Chloronaphthalene	9.16	162	1101427	46.88	ng		94
47) 2-Nitroaniline	9.26	65	378650	45.26	ng		95
48) Acenaphthylene	9.57	152	1727659	47.81	ng		99
49) Dimethylphthalate	9.45	163	1429358	51.57	ng		99
50) 2,6-Dinitrotoluene	9.51	165	337266	55.60	ng		89
51) Acenaphthene	9.74	154	1095854	44.73	ng		99
52) 3-Nitroaniline	9.67	138	46298	6.17	ng		89
53) 2,4-Dinitrophenol	9.80	184	307039	90.97	ng		98
54) Dibenzofuran	9.92	168	1613582	48.77	ng		93
55) 4-Nitrophenol	9.88	139	471427	92.49	ng	#	71
56) 2,4-Dinitrotoluene	9.91	165	358642	47.11	ng	#	71
57) Fluorene	10.26	166	981129	40.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	308057	49.43	ng		97
59) Diethylphthalate	10.15	149	1113791	41.38	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	415250	39.40	ng		99
61) 4-Nitroaniline	10.29	138	195985	25.19	ng		93
62) Azobenzene	10.41	77	1167608	39.40	ng		99
64) 4,6-Dinitro-2-methylphenol	10.32	198	159136	40.77	ng	#	51
65) n-Nitrosodiphenylamine	10.38	169	808119	42.19	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	317778	47.33	ng	#	85
67) Hexachlorobenzene	10.80	284	338524	47.17	ng	#	81
68) Atrazine	10.92	200	294812	47.72	ng		96
69) Pentachlorophenol	11.01	266	360044	102.24	ng		99
70) Phenanthrene	11.21	178	1602616	45.79	ng		98
71) Anthracene	11.27	178	1838989	81.45	ng		99
72) Carbazole	11.43	167	1570884	48.44	ng		98
73) Di-n-butylphthalate	11.76	149	1882364	57.94	ng		99
74) Fluoranthene	12.40	202	1859933	62.02	ng		94
77) Pyrene	12.63	202	1893740	55.25	ng		99
79) Butylbenzylphthalate	13.26	149	889932	57.09	ng		91
80) Benzo(a)anthracene	13.81	228	1451743	55.05	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	104864	10.49	ng	#	96
82) Chrysene	13.85	228	1494083	56.49	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	1013687	55.22	ng		100
84) Di-n-octyl phthalate	14.44	149	2025471	59.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.49	276	1185702	51.75	ng		99
87) Benzo(b)fluoranthene	14.83	252	1449023m	53.24	ng		
88) Benzo(k)fluoranthene	14.85	252	1119215m	48.22	ng		
89) Benzo(a)pyrene	15.15	252	1215126	50.30	ng		99
90) Dibenzo(a,h)anthracene	16.52	278	977560	49.23	ng	#	94
91) Benzo(g,h,i)perylene	16.88	276	997291	48.30	ng	#	95

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

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