Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090004.D
Acq On : 7 Sep 2016 14:52
Operator : UM/SJ
Sample : H4676-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8MSD

Manual Integrations APPROVED
umangi
9/8/2016 12:53:15 PM

Quant Time: Sep 08 10:44:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	185722	20.00	ng		-0.02
21) Naphthalene-d8	7.91	136	772179	20.00	ng		-0.02
38) Acenaphthene-d10	9.64	164	385807	20.00	ng		-0.02
63) Phenanthrene-d10	11.12	188	759580	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	524227	20.00	ng		-0.02
86) Perylene-d12	15.07	264	450083	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1337505	115.27	ng		-0.01
7) Phenol-d6	6.27	99	1705072	120.94	ng		-0.01
23) Nitrobenzene-d5	7.19	82	987959	74.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.43	330	440252	115.66	ng		-0.02
44) 2-Fluorobiphenyl	8.98	172	1751563	74.53	ng		-0.02
78) Terphenyl-d14	12.70	244	1896316	89.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	202696	36.87	ng	#	96
3) Pyridine	2.74	79	577449	39.37	ng		97
4) n-Nitrosodimethylamine	2.71	42	294434	40.71	ng		97
6) Aniline	6.28	93	567125	29.48	ng	#	42
8) 2-Chlorophenol	6.40	128	526997	41.87	ng		88
9) Benzaldehyde	6.16	77	77273	8.50	ng		96
10) Phenol	6.28	94	743607	45.36	ng		84
11) bis(2-Chloroethyl)ether	6.36	93	562380	45.33	ng		90
12) 1,3-Dichlorobenzene	6.56	146	609272	43.34	ng		99
13) 1,4-Dichlorobenzene	6.64	146	617900	42.96	ng		92
14) 1,2-Dichlorobenzene	6.79	146	573214	44.45	ng		99
15) Benzyl Alcohol	6.78	79	447714	50.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	971232	41.06	ng		91
17) 2-Methylphenol	6.89	107	445218	44.29	ng		99
18) Hexachloroethane	7.13	117	210742	42.77	ng		91
19) n-Nitroso-di-n-propylamine	7.05	70	398858	43.41	ng		96
20) 3+4-Methylphenols	7.05	107	580407	47.63	ng	#	77
22) Acetophenone	7.04	105	683132	39.44	ng	#	91
24) Nitrobenzene	7.21	77	569634	40.24	ng	#	80
25) Isophorone	7.45	82	1090781	40.29	ng		100
26) 2-Nitrophenol	7.52	139	305273	45.12	ng		98
27) 2,4-Dimethylphenol	7.58	122	521430	41.66	ng		100
28) bis(2-Chloroethoxy)methane	7.67	93	656222	40.19	ng		98
29) 2,4-Dichlorophenol	7.77	162	513006	45.72	ng		95
30) 1,2,4-Trichlorobenzene	7.85	180	529968	43.20	ng		98
31) Naphthalene	7.93	128	1614488	41.97	ng		99
32) Benzoic acid	7.70	122	197890	23.47	ng		91
33) 4-Chloroaniline	7.99	127	367433	23.67	ng		94
34) Hexachlorobutadiene	8.04	225	289764	40.31	ng		98
35) Caprolactam	8.35	113	150983m	42.63	ng		
36) 4-Chloro-3-methylphenol	8.48	107	528584	44.48	ng		88
37) 2-Methylnaphthalene	8.62	142	1113049	43.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	438460	38.79	ng		99
40) Hexachlorocyclopentadiene	8.78	237	523474	90.33	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	381293	48.68	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	371974	49.39	ng	#	89
45) 1,1'-Biphenyl	9.08	154	1233512	39.71	ng		97
46) 2-Chloronaphthalene	9.10	162	971192	44.20	ng		98
47) 2-Nitroaniline	9.20	65	320744	44.65	ng		97
48) Acenaphthylene	9.51	152	1489422	40.99	ng		99
49) Dimethylphthalate	9.39	163	1487831	53.36	ng		99
50) 2,6-Dinitrotoluene	9.45	165	310226	50.02	ng		87
51) Acenaphthene	9.68	154	1069080	46.44	ng		99
52) 3-Nitroaniline	9.61	138	233610	33.03	ng		97
53) 2,4-Dinitrophenol	9.72	184	234931	62.00	ng	#	57
54) Dibenzofuran	9.85	168	1380907	44.76	ng		98
55) 4-Nitrophenol	9.79	139	422175	79.13	ng	#	66
56) 2,4-Dinitrotoluene	9.85	165	385821	49.06	ng		94
57) Fluorene	10.19	166	950060	42.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	312861	48.52	ng		99
59) Diethylphthalate	10.09	149	1238856	47.22	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	465775	43.91	ng	#	87
61) 4-Nitroaniline	10.23	138	288673	41.54	ng		92
62) Azobenzene	10.35	77	1293537	49.37	ng		91
64) 4,6-Dinitro-2-methylphenol	10.25	198	182236	37.47	ng		96
65) n-Nitrosodiphenylamine	10.32	169	1061127	46.47	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	345224	45.15	ng	#	90
67) Hexachlorobenzene	10.74	284	385033	44.08	ng	#	73
68) Atrazine	10.84	200	311885	40.91	ng		99
69) Pentachlorophenol	10.94	266	399355	84.98	ng		99
70) Phenanthrene	11.14	178	1558312	41.20	ng		100
71) Anthracene	11.20	178	1821755	47.48	ng		99
72) Carbazole	11.36	167	1691860	47.03	ng		99
73) Di-n-butylphthalate	11.70	149	1950119	46.51	ng		99
74) Fluoranthene	12.32	202	1640109	41.37	ng		96
76) Benzidine	12.46	184	686854	34.59	ng		96
77) Pyrene	12.55	202	1826439	49.41	ng		99
79) Butylbenzylphthalate	13.18	149	744733	49.96	ng		98
80) Benzo(a)anthracene	13.73	228	1458645	45.43	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	331393	28.59	ng	#	94
82) Chrysene	13.76	228	1096672	36.56	ng		100
83) Bis(2-ethylhexyl)phthalate	13.75	149	947074	45.94	ng		99
84) Di-n-octyl phthalate	14.35	149	1513791	45.49	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1292405	58.29	ng		99
87) Benzo(b)fluoranthene	14.72	252	1395637m	49.50	ng		
88) Benzo(k)fluoranthene	14.74	252	892851m	37.32	ng		
89) Benzo(a)pyrene	15.03	252	1127195	46.66	ng		99
90) Dibenzo(a,h)anthracene	16.32	278	1079072	60.96	ng		97
91) Benzo(g,h,i)perylene	16.66	276	1135234	63.72	ng	#	95

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

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