Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086074.D
Acq On : 5 Apr 2016 9:43
Operator : UM/SJ
Sample : H2104-07MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
Sohil
4/5/2016 6:39:20 PM

Quant Time: Apr 05 11:45:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	110026	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	414287	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	173817	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	257975	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	199860	20.00	ng		-0.01
86) Perylene-d12	15.32	264	160817	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	789573	122.66	ng		0.01
7) Phenol-d6	6.42	99	894613	109.42	ng		0.00
23) Nitrobenzene-d5	7.33	82	579632	82.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	178384	109.34	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1006795	96.31	ng		-0.01
78) Terphenyl-d14	12.86	244	726173	85.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	116894	38.30	ng	#	86
3) Pyridine	3.12	79	239488	35.05	ng		95
4) n-Nitrosodimethylamine	3.05	42	135203	45.00	ng		100
6) Aniline	6.43	93	189007	17.62	ng	#	1
8) 2-Chlorophenol	6.56	128	298226	38.85	ng		97
9) Benzaldehyde	6.32	77	79215	18.01	ng		91
10) Phenol	6.43	94	356982	38.28	ng		90
11) bis(2-Chloroethyl)ether	6.51	93	321220	43.49	ng		95
12) 1,3-Dichlorobenzene	6.70	146	320555m	39.40	ng		
13) 1,4-Dichlorobenzene	6.78	146	323363	38.58	ng		94
14) 1,2-Dichlorobenzene	6.93	146	298325	38.67	ng		98
15) Benzyl Alcohol	6.92	79	222002	41.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	343027	38.02	ng		74
17) 2-Methylphenol	7.04	107	239341	39.54	ng		95
18) Hexachloroethane	7.28	117	92049	29.86	ng		91
19) n-Nitroso-di-n-propylamine	7.18	70	198537	39.18	ng	#	92
20) 3+4-Methylphenols	7.20	107	301245	40.92	ng	#	61
22) Acetophenone	7.18	105	427793	43.93	ng	#	89
24) Nitrobenzene	7.36	77	333193	43.35	ng		90
25) Isophorone	7.60	82	583230	42.06	ng	#	94
26) 2-Nitrophenol	7.68	139	133292	36.25	ng	#	89
27) 2,4-Dimethylphenol	7.72	122	261870	39.65	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	344400	42.33	ng		98
29) 2,4-Dichlorophenol	7.92	162	235584	42.19	ng		96
30) 1,2,4-Trichlorobenzene	8.00	180	260007	41.49	ng		95
31) Naphthalene	8.08	128	935087	44.87	ng		99
32) Benzoic acid	7.86	122	137530	28.38	ng		91
33) 4-Chloroaniline	8.13	127	83566	9.93	ng		97
34) Hexachlorobutadiene	8.19	225	137601	40.84	ng		98
35) Caprolactam	8.50	113	63449	35.82	ng		99
36) 4-Chloro-3-methylphenol	8.62	107	256575	40.88	ng		97
37) 2-Methylnaphthalene	8.76	142	541463	39.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	223591	42.80	ng		99
40) Hexachlorocyclopentadiene	8.91	237	18188	17.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	148219	44.18	ng		100
43) 2,4,5-Trichlorophenol	9.09	196	151588	44.51	ng	#	83
45) 1,1'-Biphenyl	9.23	154	648287	43.26	ng		94
46) 2-Chloronaphthalene	9.25	162	486000	44.73	ng		97
47) 2-Nitroaniline	9.36	65	159959	50.32	ng		99
48) Acenaphthylene	9.66	152	747362	42.94	ng		99
49) Dimethylphthalate	9.53	163	555741	43.14	ng		100
50) 2,6-Dinitrotoluene	9.60	165	108923	39.96	ng		95
51) Acenaphthene	9.84	154	443551	42.85	ng		100
52) 3-Nitroaniline	9.77	138	115487	35.15	ng		93
53) 2,4-Dinitrophenol	9.89	184	17329	17.28	ng	#	83
54) Dibenzofuran	10.01	168	620780	45.41	ng		99
55) 4-Nitrophenol	9.95	139	121633	62.81	ng		97
56) 2,4-Dinitrotoluene	10.01	165	127033	36.88	ng	#	69
57) Fluorene	10.35	166	485991	41.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	107737	42.48	ng		96
59) Diethylphthalate	10.22	149	532104	40.92	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	215213	39.57	ng		97
61) 4-Nitroaniline	10.38	138	139745	43.19	ng		97
62) Azobenzene	10.50	77	541414	43.47	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	15656	10.01	ng	#	73
65) n-Nitrosodiphenylamine	10.46	169	426990	52.92	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	131054	49.76	ng		99
67) Hexachlorobenzene	10.90	284	129459	47.53	ng	#	90
68) Atrazine	10.99	200	79636	30.55	ng		98
69) Pentachlorophenol	11.10	266	112086	87.81	ng		99
70) Phenanthrene	11.31	178	655708	46.59	ng		99
71) Anthracene	11.36	178	597018	40.50	ng		99
72) Carbazole	11.52	167	514539	40.60	ng		99
73) Di-n-butylphthalate	11.85	149	810752	51.63	ng		100
74) Fluoranthene	12.50	202	569800	38.93	ng		88
76) Benzidine	12.62	184	100156	14.20	ng		97
77) Pyrene	12.72	202	576908	40.96	ng		100
79) Butylbenzylphthalate	13.33	149	275354	43.42	ng	#	69
80) Benzo(a)anthracene	13.91	228	471041	39.98	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	104995	12.20	ng		99
82) Chrysene	13.95	228	461185	40.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	379222	45.06	ng		100
84) Di-n-octyl phthalate	14.51	149	676265	50.31	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	369725	40.16	ng		99
87) Benzo(b)fluoranthene	14.92	252	533895m	52.78	ng		
88) Benzo(k)fluoranthene	14.96	252	318464m	35.55	ng		
89) Benzo(a)pyrene	15.27	252	395043	44.07	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	321426	44.57	ng		97
91) Benzo(g,h,i)perylene	17.08	276	285779	40.95	ng		97

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

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