Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086844.D
Acq On : 10 May 2016 2:22
Operator : UM/SJ
Sample : H2895-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP8-9.5FTMS

Manual Integrations APPROVED
sohil
5/10/2016 6:48:09 PM

Quant Time: May 10 13:04:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	166032	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	672224	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	327008	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	569585	20.00	ng		0.00
75) Chrysene-d12	13.84	240	329914	20.00	ng		0.00
86) Perylene-d12	15.21	264	336187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1307188	133.33	ng		0.01
7) Phenol-d6	6.36	99	1734797	132.40	ng		0.00
23) Nitrobenzene-d5	7.26	82	1267679	94.69	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	425170	122.81	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1620241	83.27	ng		0.00
78) Terphenyl-d14	12.78	244	1417171	91.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	159326	33.10	ng	#	68
3) Pyridine	2.92	79	457598	38.89	ng	#	68
4) n-Nitrosodimethylamine	2.88	42	381866	44.75	ng	#	49
6) Aniline	6.36	93	393668	24.84	ng	#	29
8) 2-Chlorophenol	6.49	128	526650	44.52	ng		97
9) Benzaldehyde	6.25	77	53323	7.03	ng		94
10) Phenol	6.37	94	715894	45.97	ng	#	69
11) bis(2-Chloroethyl)ether	6.44	93	525059	43.24	ng		89
12) 1,3-Dichlorobenzene	6.62	146	522587m	40.82	ng		
13) 1,4-Dichlorobenzene	6.70	146	511239m	39.16	ng		
14) 1,2-Dichlorobenzene	6.86	146	497409	43.71	ng		99
15) Benzyl Alcohol	6.85	79	440274	48.66	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1033521	39.14	ng		52
17) 2-Methylphenol	6.98	107	445479	47.32	ng	#	82
18) Hexachloroethane	7.20	117	197927	40.29	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	446098	48.72	ng	#	76
20) 3+4-Methylphenols	7.14	107	582606	47.39	ng	#	58
22) Acetophenone	7.12	105	756822	47.66	ng		99
24) Nitrobenzene	7.29	77	640146	46.48	ng		99
25) Isophorone	7.53	82	1113565	44.83	ng		99
26) 2-Nitrophenol	7.61	139	281858	46.56	ng		95
27) 2,4-Dimethylphenol	7.65	122	445367	43.19	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	699968	52.24	ng		99
29) 2,4-Dichlorophenol	7.85	162	423971	46.71	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	462051	45.53	ng		99
31) Naphthalene	8.00	128	1517113	45.06	ng		99
32) Benzoic acid	7.77	122	71226	11.76	ng	#	82
33) 4-Chloroaniline	8.06	127	191645	14.65	ng	#	95
34) Hexachlorobutadiene	8.12	225	261968	44.49	ng		98
35) Caprolactam	8.45	113	144991m	46.95	ng		
36) 4-Chloro-3-methylphenol	8.57	107	480070	43.61	ng		91
37) 2-Methylnaphthalene	8.69	142	977645	49.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	400962	42.17	ng		99
40) Hexachlorocyclopentadiene	8.84	237	257596	57.08	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	280809	44.17	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	292776	44.53	ng		94
45) 1,1'-Biphenyl	9.16	154	1220776	46.93	ng		98
46) 2-Chloronaphthalene	9.18	162	919407	45.12	ng		98
47) 2-Nitroaniline	9.29	65	326555	43.85	ng	#	74
48) Acenaphthylene	9.60	152	1365240	45.55	ng		99
49) Dimethylphthalate	9.47	163	1454616	58.30	ng		99
50) 2,6-Dinitrotoluene	9.54	165	243572	46.39	ng	#	64
51) Acenaphthene	9.77	154	945646	50.72	ng		99
52) 3-Nitroaniline	9.70	138	130319	23.58	ng	#	80
53) 2,4-Dinitrophenol	9.81	184	90607	38.21	ng		90
54) Dibenzofuran	9.94	168	1277366	53.37	ng		97
55) 4-Nitrophenol	9.89	139	333906	89.99	ng	#	60
56) 2,4-Dinitrotoluene	9.94	165	302144	46.50	ng	#	88
57) Fluorene	10.28	166	1083281	53.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	253683	51.25	ng		99
59) Diethylphthalate	10.17	149	1062772	43.71	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	380316	42.16	ng		98
61) 4-Nitroaniline	10.32	138	219285	41.31	ng	#	70
62) Azobenzene	10.43	77	1215349	46.34	ng		86
64) 4,6-Dinitro-2-methylphenol	10.34	198	103987	29.39	ng	#	14
65) n-Nitrosodiphenylamine	10.40	169	825564	47.18	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	272484	47.18	ng	#	83
67) Hexachlorobenzene	10.82	284	274714	40.70	ng	#	73
68) Atrazine	10.93	200	279654	47.84	ng		95
69) Pentachlorophenol	11.02	266	291059	93.31	ng		97
70) Phenanthrene	11.24	178	2426965	79.84	ng		99
71) Anthracene	11.29	178	1583960	50.95	ng		99
72) Carbazole	11.45	167	1278535	47.84	ng		98
73) Di-n-butylphthalate	11.78	149	1392357	42.67	ng	#	98
74) Fluoranthene	12.42	202	1901380	60.82	ng		97
76) Benzidine	12.54	184	492019	58.50	ng		97
77) Pyrene	12.65	202	1968982	77.96	ng		98
79) Butylbenzylphthalate	13.27	149	496396	46.46	ng	#	69
80) Benzo(a)anthracene	13.83	228	1125556	60.77	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	142148	12.08	ng		98
82) Chrysene	13.86	228	974447	51.72	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	613271	47.72	ng		97
84) Di-n-octyl phthalate	14.43	149	1036621	48.70	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.51	276	1010351	64.46	ng		94
87) Benzo(b)fluoranthene	14.83	252	1077566m	49.32	ng		
88) Benzo(k)fluoranthene	14.85	252	851337m	47.59	ng		
89) Benzo(a)pyrene	15.16	252	1022327	54.25	ng	#	96
90) Dibenzo(a,h)anthracene	16.52	278	790160m	49.75	ng		
91) Benzo(g,h,i)perylene	16.90	276	876192	54.29	ng	#	92

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

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