Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085160.D
Acq On : 3 Mar 2016 17:01
Operator : SJ/UM
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:25 PM

Quant Time: Mar 04 00:26:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:11:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	202895	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	788320	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	374699	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	697705	20.00	ng		0.00
75) Chrysene-d12	14.15	240	476574	20.00	ng		0.00
86) Perylene-d12	15.61	264	381627	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1077701	86.77	ng		0.00
7) Phenol-d6	6.61	99	1476996	90.80	ng		0.00
23) Nitrobenzene-d5	7.54	82	1442885	97.73	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	332885	90.93	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	2251539	89.10	ng		0.00
78) Terphenyl-d14	13.09	244	1856611	90.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	292917	47.57	ng		99
3) Pyridine	3.44	79	783314	50.10	ng		98
4) n-Nitrosodimethylamine	3.40	42	327553	45.98	ng		99
6) Aniline	6.64	93	1074360	46.55	ng		100
8) 2-Chlorophenol	6.77	128	711654	49.38	ng		98
9) Benzaldehyde	6.53	77	349640	41.32	ng		100
10) Phenol	6.62	94	840179m	46.53	ng		
11) bis(2-Chloroethyl)ether	6.72	93	689295	47.75	ng		95
12) 1,3-Dichlorobenzene	6.93	146	748542	48.49	ng		99
13) 1,4-Dichlorobenzene	7.00	146	696057	44.36	ng		99
14) 1,2-Dichlorobenzene	7.16	146	709941	50.75	ng		100
15) Benzyl Alcohol	7.12	79	560185	47.03	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.26	45	942068	44.40	ng		99
17) 2-Methylphenol	7.22	107	591822	49.18	ng		95
18) Hexachloroethane	7.50	117	288655	49.52	ng		100
19) n-Nitroso-di-n-propylamine	7.40	70	496267	46.61	ng	#	86
20) 3+4-Methylphenols	7.38	107	623552	43.45	ng		99
22) Acetophenone	7.40	105	973123	48.99	ng		99
24) Nitrobenzene	7.57	77	780945	50.55	ng		99
25) Isophorone	7.81	82	1392056	49.30	ng		100
26) 2-Nitrophenol	7.88	139	365947	52.95	ng	#	64
27) 2,4-Dimethylphenol	7.92	122	685268	51.33	ng		100
28) bis(2-Chloroethoxy)methane	8.01	93	761007	48.59	ng		100
29) 2,4-Dichlorophenol	8.12	162	537993	49.23	ng		87
30) 1,2,4-Trichlorobenzene	8.21	180	574891	48.06	ng		99
31) Naphthalene	8.29	128	1767214	44.56	ng		100
32) Benzoic acid	8.05	122	484803	73.66	ng		99
33) 4-Chloroaniline	8.33	127	739488	46.94	ng		100
34) Hexachlorobutadiene	8.41	225	301966	44.50	ng		99
35) Caprolactam	8.72	113	181406	52.58	ng		97
36) 4-Chloro-3-methylphenol	8.81	107	616137	50.88	ng		99
37) 2-Methylnaphthalene	8.98	142	1256269	51.29	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	488519	42.96	ng		100
40) Hexachlorocyclopentadiene	9.13	237	288282	45.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	396124	51.25	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	392509	53.03	ng	98
45) 1,1'-Biphenyl	9.44	154	1405988	43.12	ng	99
46) 2-Chloronaphthalene	9.48	162	1178426	48.96	ng	99
47) 2-Nitroaniline	9.56	65	369279	49.08	ng	100
48) Acenaphthylene	9.89	152	1835988	50.60	ng	99
49) Dimethylphthalate	9.75	163	1428652	51.31	ng	99
50) 2,6-Dinitrotoluene	9.81	165	326833	56.57	ng	96
51) Acenaphthene	10.06	154	1093703	48.19	ng	100
52) 3-Nitroaniline	9.98	138	387833	56.74	ng	96
53) 2,4-Dinitrophenol	10.07	184	134277	70.76	ng	85
54) Dibenzofuran	10.23	168	1476716	49.98	ng	99
55) 4-Nitrophenol	10.13	139	316177	59.70	ng	96
56) 2,4-Dinitrotoluene	10.21	165	409498	52.69	ng	100
57) Fluorene	10.57	166	1180745	50.69	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	279953	50.65	ng	99
59) Diethylphthalate	10.45	149	1373517	51.80	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	540571	45.43	ng	99
61) 4-Nitroaniline	10.58	138	336816	53.01	ng	99
62) Azobenzene	10.72	77	1388361	51.67	ng	100
64) 4,6-Dinitro-2-methylphenol	10.62	198	231281	65.36	ng	94
65) n-Nitrosodiphenylamine	10.68	169	1027094	47.20	ng	98
66) 4-Bromophenyl-phenylether	11.05	248	349219	47.69	ng	98
67) Hexachlorobenzene	11.12	284	366729	45.05	ng	100
68) Atrazine	11.20	200	259428	39.56	ng	99
69) Pentachlorophenol	11.31	266	207462	43.96	ng	99
70) Phenanthrene	11.53	178	1700808	48.54	ng	99
71) Anthracene	11.59	178	1806837	46.57	ng	100
72) Carbazole	11.74	167	1701705	50.16	ng	100
73) Di-n-butylphthalate	12.06	149	1996370	49.62	ng	100
74) Fluoranthene	12.72	202	1805597	47.62	ng	99
76) Benzidine	12.84	184	774200	51.40	ng	99
77) Pyrene	12.95	202	1815579	53.49	ng	100
79) Butylbenzylphthalate	13.56	149	827344	57.80	ng	99
80) Benzo(a)anthracene	14.14	228	1420531	50.68	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	456575	51.99	ng	99
82) Chrysene	14.17	228	1386546	53.17	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	1050551	62.62	ng	100
84) Di-n-octyl phthalate	14.73	149	1805718	70.89	ng	100
85) Indeno(1,2,3-cd)pyrene	17.09	276	1041299	47.39	ng	100
87) Benzo(b)fluoranthene	15.18	252	1308041	55.16	ng	98
88) Benzo(k)fluoranthene	15.21	252	907945m	45.87	ng	
89) Benzo(a)pyrene	15.56	252	1038761	52.47	ng	99
90) Dibenzo(a,h)anthracene	17.11	278	861925	48.43	ng	99
91) Benzo(g,h,i)perylene	17.55	276	860496	47.50	ng	98

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

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