Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084628.D
Acq On : 29 Jan 2016 11:02
Operator : SJ/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:04 PM

Quant Time: Jan 29 11:44:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 10:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117346	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	460988	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	220898	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	369538	20.00	ng		0.00
75) Chrysene-d12	13.87	240	242844	20.00	ng		0.00
86) Perylene-d12	15.25	264	221223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	991248	136.63	ng		0.00
7) Phenol-d6	6.37	99	867747	95.24	ng		0.00
23) Nitrobenzene-d5	7.30	82	815489	98.45	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	248410	111.39	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1311754	90.19	ng		0.00
78) Terphenyl-d14	12.83	244	1195277	109.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	224052	65.19	ng	#	76
3) Pyridine	2.90	79	652472	68.09	ng	#	71
4) n-Nitrosodimethylamine	2.85	42	288187	58.59	ng		79
6) Aniline	6.40	93	579557	43.48	ng		97
8) 2-Chlorophenol	6.51	128	408640	49.65	ng		89
9) Benzaldehyde	6.27	77	259994	43.82	ng		97
10) Phenol	6.38	94	458003	44.21	ng	#	47
11) bis(2-Chloroethyl)ether	6.48	93	381499	47.54	ng		97
12) 1,3-Dichlorobenzene	6.67	146	439464	51.76	ng		98
13) 1,4-Dichlorobenzene	6.74	146	434579	51.04	ng		97
14) 1,2-Dichlorobenzene	6.90	146	440368	54.00	ng		98
15) Benzyl Alcohol	6.88	79	301539	39.34	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.01	45	652504	44.65	ng		85
17) 2-Methylphenol	7.00	107	337881	48.98	ng	#	91
18) Hexachloroethane	7.24	117	182674	53.65	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	274996	44.58	ng	#	68
20) 3+4-Methylphenols	7.15	107	397778	49.06	ng	#	43
22) Acetophenone	7.15	105	646003	58.28	ng	#	95
24) Nitrobenzene	7.32	77	463590	55.18	ng		88
25) Isophorone	7.56	82	769410	48.57	ng		99
26) 2-Nitrophenol	7.63	139	195616	51.16	ng	#	70
27) 2,4-Dimethylphenol	7.69	122	343711	44.41	ng		91
28) bis(2-Chloroethoxy)methane	7.78	93	475322	49.12	ng		99
29) 2,4-Dichlorophenol	7.88	162	331726	51.46	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	372228	55.93	ng	#	94
31) Naphthalene	8.04	128	1095165	52.36	ng		99
32) Benzoic acid	7.82	122	277790	60.83	ng		88
33) 4-Chloroaniline	8.09	127	431516	45.00	ng		96
34) Hexachlorobutadiene	8.16	225	214107	55.97	ng		98
35) Caprolactam	8.48	113	95621	44.00	ng	#	50
36) 4-Chloro-3-methylphenol	8.58	107	337674	46.76	ng		90
37) 2-Methylnaphthalene	8.73	142	724171	48.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	347693	54.75	ng		98
40) Hexachlorocyclopentadiene	8.89	237	172710	45.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	221369	46.59	ng		91
43) 2,4,5-Trichlorophenol	9.05	196	213106	46.79	ng	#	82
45) 1,1'-Biphenyl	9.20	154	1043531	59.44	ng		96
46) 2-Chloronaphthalene	9.22	162	737622	53.49	ng	#	89
47) 2-Nitroaniline	9.31	65	202496	44.49	ng		89
48) Acenaphthylene	9.63	152	1135817	55.75	ng		98
49) Dimethylphthalate	9.50	163	842181	53.33	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	184420	53.25	ng	#	70
51) Acenaphthene	9.80	154	732635	53.61	ng		97
52) 3-Nitroaniline	9.73	138	184022	42.88	ng	#	62
53) 2,4-Dinitrophenol	9.84	184	91234	88.71	ng		90
54) Dibenzofuran	9.97	168	896843	44.81	ng		95
55) 4-Nitrophenol	9.90	139	135229	43.41	ng		91
56) 2,4-Dinitrotoluene	9.96	165	238077	54.31	ng	#	93
57) Fluorene	10.32	166	759450	49.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	155486	39.98	ng		99
59) Diethylphthalate	10.20	149	811376	52.11	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	318101	51.06	ng	#	86
61) 4-Nitroaniline	10.34	138	171450	44.81	ng		96
62) Azobenzene	10.46	77	740375	43.35	ng		84
64) 4,6-Dinitro-2-methylphenol	10.37	198	123798	61.73	ng	#	70
65) n-Nitrosodiphenylamine	10.43	169	623597	52.78	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	226543	56.96	ng	#	88
67) Hexachlorobenzene	10.85	284	223200	49.86	ng	#	78
68) Atrazine	10.96	200	167024	43.20	ng		98
69) Pentachlorophenol	11.06	266	111682	48.11	ng		99
70) Phenanthrene	11.26	178	942081	48.74	ng		98
71) Anthracene	11.32	178	1103252	58.22	ng		99
72) Carbazole	11.48	167	925493	49.96	ng		99
73) Di-n-butylphthalate	11.81	149	1054966	51.40	ng	#	96
74) Fluoranthene	12.45	202	1058909	52.44	ng		95
76) Benzidine	12.58	184	524567	60.25	ng		96
77) Pyrene	12.68	202	1083327	56.85	ng		99
79) Butylbenzylphthalate	13.31	149	448648	54.41	ng		95
80) Benzo(a)anthracene	13.86	228	788974	55.33	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	292909	58.86	ng	#	98
82) Chrysene	13.91	228	792825	57.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	568987	54.61	ng		99
84) Di-n-octyl phthalate	14.49	149	875191	49.76	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.57	276	709180	65.29	ng		96
87) Benzo(b)fluoranthene	14.88	252	709695m	49.04	ng		
88) Benzo(k)fluoranthene	14.90	252	599248m	50.63	ng		
89) Benzo(a)pyrene	15.21	252	640091	52.15	ng	#	98
90) Dibenzo(a,h)anthracene	16.59	278	587672	55.64	ng	#	93
91) Benzo(g,h,i)perylene	16.97	276	601974	55.04	ng		95

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

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