Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084703.D
Acq On : 1 Feb 2016 12:02
Operator : SJ/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:22 PM

Quant Time: Feb 01 13:27:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 13:00:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174732	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	683780	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	335445	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	624660	20.00	ng		0.00
75) Chrysene-d12	13.86	240	485297	20.00	ng		-0.01
86) Perylene-d12	15.24	264	420840	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	573038	49.50	ng		0.00
7) Phenol-d6	6.36	99	738955	53.26	ng		0.00
23) Nitrobenzene-d5	7.28	82	611793	50.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	182164	51.81	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1217991	53.97	ng		0.00
78) Terphenyl-d14	12.82	244	1213341	56.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	121428	22.50	ng	#	77
3) Pyridine	2.89	79	353975	24.62	ng	#	74
4) n-Nitrosodimethylamine	2.83	42	165524	23.54	ng		85
6) Aniline	6.37	93	445505	25.02	ng	#	70
8) 2-Chlorophenol	6.50	128	332378	25.89	ng		95
9) Benzaldehyde	6.26	77	215451	26.82	ng		89
10) Phenol	6.37	94	429675	27.79	ng		76
11) bis(2-Chloroethyl)ether	6.45	93	320779	26.67	ng		88
12) 1,3-Dichlorobenzene	6.65	146	340147m	24.73	ng		
13) 1,4-Dichlorobenzene	6.73	146	352018	26.07	ng		95
14) 1,2-Dichlorobenzene	6.89	146	309138	24.87	ng		94
15) Benzyl Alcohol	6.86	79	259228	27.45	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.00	45	521329	25.33	ng		85
17) 2-Methylphenol	6.98	107	242844	24.40	ng		95
18) Hexachloroethane	7.22	117	129243	24.47	ng	#	87
19) n-Nitroso-di-n-propylamine	7.13	70	217468	25.66	ng	#	66
20) 3+4-Methylphenols	7.14	107	325845	26.98	ng	#	85
22) Acetophenone	7.13	105	472617	26.47	ng		99
24) Nitrobenzene	7.30	77	352320	27.09	ng		97
25) Isophorone	7.54	82	581139	25.35	ng		97
26) 2-Nitrophenol	7.62	139	179861	29.08	ng	#	91
27) 2,4-Dimethylphenol	7.66	122	274361	25.32	ng		93
28) bis(2-Chloroethoxy)methane	7.76	93	339284	24.66	ng		99
29) 2,4-Dichlorophenol	7.86	162	244096	25.75	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	271398	25.04	ng		95
31) Naphthalene	8.02	128	871395	25.24	ng		99
32) Benzoic acid	7.78	122	172839	20.78	ng		94
33) 4-Chloroaniline	8.08	127	379368	27.02	ng		97
34) Hexachlorobutadiene	8.14	225	168739	26.34	ng		98
35) Caprolactam	8.44	113	76102	27.98	ng	#	49
36) 4-Chloro-3-methylphenol	8.57	107	304616	29.19	ng		95
37) 2-Methylnaphthalene	8.72	142	593583	28.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	261470	24.03	ng		98
40) Hexachlorocyclopentadiene	8.86	237	83917	16.97	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	171296	25.35	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	178968	25.65	ng	#	87
45) 1,1'-Biphenyl	9.17	154	741090	24.10	ng		96
46) 2-Chloronaphthalene	9.20	162	532552	23.74	ng		97
47) 2-Nitroaniline	9.30	65	177705	26.38	ng		97
48) Acenaphthylene	9.61	152	854957	25.16	ng		98
49) Dimethylphthalate	9.48	163	619061	24.59	ng	#	90
50) 2,6-Dinitrotoluene	9.54	165	138577	25.02	ng	#	39
51) Acenaphthene	9.78	154	553957	24.34	ng		96
52) 3-Nitroaniline	9.71	138	159388	27.54	ng		94
53) 2,4-Dinitrophenol	9.81	184	51003	18.66	ng	#	63
54) Dibenzofuran	9.95	168	664933	24.48	ng		90
55) 4-Nitrophenol	9.88	139	110968	26.10	ng	#	74
56) 2,4-Dinitrotoluene	9.95	165	187875	26.11	ng	#	86
57) Fluorene	10.29	166	570228	24.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	132737	25.16	ng		95
59) Diethylphthalate	10.18	149	636687	25.83	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	283814	27.46	ng		97
61) 4-Nitroaniline	10.32	138	148572	27.12	ng		92
62) Azobenzene	10.45	77	651060	27.60	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	92724	22.73	ng	#	76
65) n-Nitrosodiphenylamine	10.41	169	511115	25.24	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	185861	26.42	ng		99
67) Hexachlorobenzene	10.84	284	190124	24.84	ng	#	88
68) Atrazine	10.94	200	167357	27.58	ng		98
69) Pentachlorophenol	11.04	266	81952	22.17	ng		96
70) Phenanthrene	11.25	178	884803	25.62	ng		99
71) Anthracene	11.31	178	941775	26.82	ng		99
72) Carbazole	11.47	167	802870	26.53	ng	#	96
73) Di-n-butylphthalate	11.80	149	1000910	27.19	ng	#	97
74) Fluoranthene	12.44	202	977891	28.64	ng		93
76) Benzidine	12.57	184	386756	20.95	ng		98
77) Pyrene	12.66	202	972218	26.56	ng		100
79) Butylbenzylphthalate	13.30	149	450886	28.84	ng	#	87
80) Benzo(a)anthracene	13.85	228	798672	26.40	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	302397	28.41	ng		99
82) Chrysene	13.89	228	811875	27.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	565629	27.89	ng		95
84) Di-n-octyl phthalate	14.47	149	941946	29.39	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.55	276	608676	23.09	ng		99
87) Benzo(b)fluoranthene	14.87	252	771322m	28.31	ng		
88) Benzo(k)fluoranthene	14.89	252	582032m	25.86	ng		
89) Benzo(a)pyrene	15.19	252	609335	25.85	ng	#	95
90) Dibenzo(a,h)anthracene	16.56	278	503659	23.71	ng		99
91) Benzo(g,h,i)perylene	16.95	276	501391	23.38	ng		97

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

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