Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089933.D
Acq On : 31 Aug 2016 4:33
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
SOHIL
9/1/2016 11:51:52 AM

Quant Time: Aug 31 05:47:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 05:39:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	189874	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	747816	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	373611	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	759792	20.00	ng		0.00
75) Chrysene-d12	13.76	240	589377	20.00	ng		0.00
86) Perylene-d12	15.10	264	529053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1128572	47.47	ng		0.00
7) Phenol-d6	6.28	99	1328085	45.58	ng		0.01
23) Nitrobenzene-d5	7.21	82	1145648	44.99	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	373290	52.59	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1986785	43.82	ng		0.00
78) Terphenyl-d14	12.72	244	2040157	42.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	263068	47.24	ng		99
3) Pyridine	2.72	79	770051	52.05	ng		99
4) n-Nitrosodimethylamine	2.68	42	368381	49.72	ng		100
6) Aniline	6.30	93	907222	45.82	ng	#	65
8) 2-Chlorophenol	6.42	128	608860	46.78	ng		95
9) Benzaldehyde	6.18	77	440850	46.72	ng		98
10) Phenol	6.30	94	815025	48.10	ng		90
11) bis(2-Chloroethyl)ether	6.39	93	633476	49.74	ng		89
12) 1,3-Dichlorobenzene	6.58	146	695764	47.62	ng		99
13) 1,4-Dichlorobenzene	6.66	146	685967m	46.15	ng		
14) 1,2-Dichlorobenzene	6.81	146	621418	47.19	ng		99
15) Benzyl Alcohol	6.79	79	404886	43.70	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1174453	47.90	ng		98
17) 2-Methylphenol	6.91	107	511105	49.40	ng		98
18) Hexachloroethane	7.15	117	235630	46.35	ng		98
19) n-Nitroso-di-n-propylamine	7.07	70	416084	43.34	ng		90
20) 3+4-Methylphenols	7.06	107	571974	45.84	ng	#	68
22) Acetophenone	7.06	105	806714	48.81	ng	#	97
24) Nitrobenzene	7.23	77	725084	53.87	ng	#	82
25) Isophorone	7.47	82	1224699	46.96	ng		98
26) 2-Nitrophenol	7.54	139	310238	47.90	ng		97
27) 2,4-Dimethylphenol	7.60	122	621212	50.59	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	737795	46.63	ng		99
29) 2,4-Dichlorophenol	7.78	162	512953	46.85	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	581457	49.18	ng		100
31) Naphthalene	7.95	128	1705896	45.88	ng		99
32) Benzoic acid	7.74	122	459600	57.24	ng		95
33) 4-Chloroaniline	8.00	127	700075	46.94	ng		99
34) Hexachlorobutadiene	8.07	225	326580	47.13	ng		99
35) Caprolactam	8.39	113	181584	53.38	ng		89
36) 4-Chloro-3-methylphenol	8.49	107	601607	53.35	ng		88
37) 2-Methylnaphthalene	8.64	142	1199937	49.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	486495	44.09	ng		99
40) Hexachlorocyclopentadiene	8.80	237	309579	54.75	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	392380	51.83	ng		100
43) 2,4,5-Trichlorophenol	8.95	196	360590	48.20	ng		97
45) 1,1'-Biphenyl	9.11	154	1453728	47.29	ng		95
46) 2-Chloronaphthalene	9.12	162	970824	45.63	ng		99
47) 2-Nitroaniline	9.22	65	400411	58.20	ng	#	73
48) Acenaphthylene	9.53	152	1602568	45.78	ng		100
49) Dimethylphthalate	9.42	163	1391706	53.54	ng		98
50) 2,6-Dinitrotoluene	9.46	165	280059	45.43	ng	#	87
51) Acenaphthene	9.70	154	1027824	45.51	ng		99
52) 3-Nitroaniline	9.63	138	390846	59.97	ng		81
53) 2,4-Dinitrophenol	9.74	184	169720	67.93	ng	#	57
54) Dibenzofuran	9.87	168	1356923	46.28	ng		99
55) 4-Nitrophenol	9.79	139	299926	57.38	ng	#	67
56) 2,4-Dinitrotoluene	9.86	165	359630	46.74	ng	#	86
57) Fluorene	10.22	166	1076603	47.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	307751	49.17	ng		97
59) Diethylphthalate	10.10	149	1247963	47.50	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	513566	48.06	ng		94
61) 4-Nitroaniline	10.24	138	321735	49.40	ng		86
62) Azobenzene	10.38	77	1273185	50.12	ng		82
64) 4,6-Dinitro-2-methylphenol	10.27	198	257976	55.95	ng	#	53
65) n-Nitrosodiphenylamine	10.33	169	966628	41.61	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	338591	44.24	ng		95
67) Hexachlorobenzene	10.75	284	397177	44.62	ng		96
68) Atrazine	10.87	200	399891	54.34	ng		95
69) Pentachlorophenol	10.95	266	252672	54.87	ng		98
70) Phenanthrene	11.16	178	1656010	44.85	ng		100
71) Anthracene	11.21	178	1796438	46.19	ng		100
72) Carbazole	11.37	167	1530217	43.05	ng		99
73) Di-n-butylphthalate	11.73	149	1987072	46.05	ng	#	97
74) Fluoranthene	12.34	202	1872399	47.79	ng		98
76) Benzidine	12.47	184	975712	44.82	ng		99
77) Pyrene	12.57	202	1969833	47.99	ng		99
79) Butylbenzylphthalate	13.20	149	770918	47.49	ng		98
80) Benzo(a)anthracene	13.75	228	1622479	45.74	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	680088	53.00	ng	#	95
82) Chrysene	13.78	228	1404379	44.57	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	1114964	48.36	ng		99
84) Di-n-octyl phthalate	14.38	149	1965716	53.70	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1267704	52.50	ng		100
87) Benzo(b)fluoranthene	14.74	252	1665193m	50.70	ng		
88) Benzo(k)fluoranthene	14.77	252	1154971m	41.58	ng		
89) Benzo(a)pyrene	15.05	252	1370956	49.00	ng	#	97
90) Dibenzo(a,h)anthracene	16.34	278	1039941	48.83	ng	#	96
91) Benzo(g,h,i)perylene	16.70	276	1028625	48.27	ng		96

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

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