Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
Data File : BF085101.D
Acq On : 1 Mar 2016 20:01
Operator : SJ/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
UMANGI
3/2/2016 1:04:13 PM

Quant Time: Mar 02 01:09:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 00:39:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	218606	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	842629	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	409333	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	768995	20.00	ng		0.00
75) Chrysene-d12	14.16	240	573888	20.00	ng		0.00
86) Perylene-d12	15.62	264	473654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1223322	98.01	ng		0.00
7) Phenol-d6	6.62	99	1706295	108.28	ng		0.00
23) Nitrobenzene-d5	7.55	82	1604729	113.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	425434	98.11	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2542022	92.34	ng		0.00
78) Terphenyl-d14	13.10	244	2290810	109.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	326351	54.50	ng		99
3) Pyridine	3.47	79	820218	52.11	ng		98
4) n-Nitrosodimethylamine	3.43	42	392098	53.34	ng		100
6) Aniline	6.65	93	1228170	55.40	ng		96
8) 2-Chlorophenol	6.78	128	760178	52.45	ng		97
9) Benzaldehyde	6.54	77	396128	43.70	ng		99
10) Phenol	6.63	94	1016063m	60.13	ng		
11) bis(2-Chloroethyl)ether	6.73	93	788959	54.57	ng		95
12) 1,3-Dichlorobenzene	6.94	146	830807	52.85	ng		99
13) 1,4-Dichlorobenzene	7.00	146	775932	49.51	ng		99
14) 1,2-Dichlorobenzene	7.16	146	750585	50.94	ng		98
15) Benzyl Alcohol	7.13	79	639829	54.87	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1065707	49.27	ng		100
17) 2-Methylphenol	7.23	107	638184	54.24	ng		99
18) Hexachloroethane	7.51	117	305335	53.61	ng		99
19) n-Nitroso-di-n-propylamine	7.40	70	555026	50.68	ng		92
20) 3+4-Methylphenols	7.39	107	724700	50.19	ng		99
22) Acetophenone	7.40	105	1072012	51.03	ng		97
24) Nitrobenzene	7.58	77	863562	60.50	ng		97
25) Isophorone	7.82	82	1512971	51.87	ng		99
26) 2-Nitrophenol	7.90	139	388869	72.54	ng		97
27) 2,4-Dimethylphenol	7.92	122	704772	51.06	ng		94
28) bis(2-Chloroethoxy)methane	8.02	93	815230	47.59	ng		99
29) 2,4-Dichlorophenol	8.12	162	578056	49.11	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	617962	46.55	ng		99
31) Naphthalene	8.30	128	1990212	49.31	ng		100
32) Benzoic acid	8.04	122	411587	46.87	ng		100
33) 4-Chloroaniline	8.34	127	810389	46.59	ng		99
34) Hexachlorobutadiene	8.42	225	381326	47.49	ng		99
35) Caprolactam	8.73	113	207191	58.39	ng	#	77
36) 4-Chloro-3-methylphenol	8.82	107	703594	55.92	ng		97
37) 2-Methylnaphthalene	8.99	142	1349665	51.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	558123	40.81	ng		99
40) Hexachlorocyclopentadiene	9.14	237	354243	47.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	437495	50.03	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	430667	50.25	ng		97
45) 1,1'-Biphenyl	9.45	154	1667917	47.77	ng		95
46) 2-Chloronaphthalene	9.48	162	1308793	50.92	ng		97
47) 2-Nitroaniline	9.56	65	398819	60.76	ng	#	69
48) Acenaphthylene	9.90	152	1830758	44.25	ng		100
49) Dimethylphthalate	9.76	163	1564599	52.47	ng		99
50) 2,6-Dinitrotoluene	9.82	165	360615	57.22	ng		90
51) Acenaphthene	10.07	154	1161969	45.46	ng		99
52) 3-Nitroaniline	9.99	138	410661	55.43	ng		87
53) 2,4-Dinitrophenol	10.08	184	108323	64.02	ng	#	52
54) Dibenzofuran	10.24	168	1523191	44.78	ng		99
55) 4-Nitrophenol	10.12	139	274640	46.82	ng	#	55
56) 2,4-Dinitrotoluene	10.22	165	441682	56.98	ng		94
57) Fluorene	10.58	166	1213902	43.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	337901	48.43	ng		98
59) Diethylphthalate	10.46	149	1461548	47.29	ng		99
60) 4-Chlorophenyl-phenylether	10.57	204	584552	40.82	ng		100
61) 4-Nitroaniline	10.59	138	347368	49.57	ng		84
62) Azobenzene	10.73	77	1468454	49.33	ng		100
64) 4,6-Dinitro-2-methylphenol	10.63	198	232552	64.41	ng		84
65) n-Nitrosodiphenylamine	10.70	169	1159153	47.92	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	393867	44.48	ng		97
67) Hexachlorobenzene	11.13	284	459681	48.96	ng		96
68) Atrazine	11.21	200	311367	44.41	ng		99
69) Pentachlorophenol	11.31	266	265729	46.92	ng		98
70) Phenanthrene	11.54	178	1771621	46.01	ng		99
71) Anthracene	11.60	178	2088816	53.43	ng		99
72) Carbazole	11.75	167	1848931	52.21	ng		99
73) Di-n-butylphthalate	12.08	149	2187895	53.53	ng		100
74) Fluoranthene	12.73	202	2036131	48.82	ng		99
76) Benzidine	12.85	184	858568	51.02	ng		99
77) Pyrene	12.96	202	2019282	57.46	ng		99
79) Butylbenzylphthalate	13.57	149	865736	61.39	ng	#	62
80) Benzo(a)anthracene	14.15	228	1690158	52.45	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	548753	46.90	ng		99
82) Chrysene	14.18	228	1619543	54.70	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	1040986	55.45	ng		99
84) Di-n-octyl phthalate	14.74	149	1579298	52.78	ng		100
85) Indeno(1,2,3-cd)pyrene	17.11	276	1389881	48.49	ng		100
87) Benzo(b)fluoranthene	15.20	252	1444445	48.07	ng		99
88) Benzo(k)fluoranthene	15.22	252	1159838m	48.37	ng		
89) Benzo(a)pyrene	15.57	252	1200216	47.16	ng		100
90) Dibenzo(a,h)anthracene	17.13	278	1157611	52.03	ng		100
91) Benzo(g,h,i)perylene	17.57	276	1162871	52.88	ng		99

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

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