Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086823.D
Acq On : 9 May 2016 14:09
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
5/10/2016 11:06:34 AM

Quant Time: May 09 15:04:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 14:52:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	167689	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	705629	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	340775	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	596630	20.00	ng		0.00
75) Chrysene-d12	13.84	240	404764	20.00	ng		0.00
86) Perylene-d12	15.21	264	330559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	970133	99.79	ng		0.00
7) Phenol-d6	6.36	99	1245917	91.82	ng		0.00
23) Nitrobenzene-d5	7.28	82	1423903	108.77	ng		0.01
41) 2,4,6-Tribromophenol	10.52	330	320175	89.09	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1783786	88.59	ng		0.00
78) Terphenyl-d14	12.80	244	1997969	108.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	234849	45.99	ng	#	71
3) Pyridine	2.86	79	647615	53.58	ng	#	62
4) n-Nitrosodimethylamine	2.82	42	428664	62.23	ng	#	50
6) Aniline	6.36	93	766897	46.71	ng	#	76
8) 2-Chlorophenol	6.49	128	585532	48.36	ng		95
9) Benzaldehyde	6.24	77	338891	42.93	ng		94
10) Phenol	6.37	94	781250	51.61	ng	#	68
11) bis(2-Chloroethyl)ether	6.44	93	630267	48.16	ng		88
12) 1,3-Dichlorobenzene	6.64	146	626507	48.10	ng		100
13) 1,4-Dichlorobenzene	6.72	146	605562	45.06	ng		100
14) 1,2-Dichlorobenzene	6.86	146	531473	43.13	ng		96
15) Benzyl Alcohol	6.85	79	426187	49.65	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1213125	46.31	ng		53
17) 2-Methylphenol	6.98	107	466896	47.71	ng	#	82
18) Hexachloroethane	7.21	117	241199	48.03	ng	#	81
19) n-Nitroso-di-n-propylamine	7.13	70	438632	48.91	ng	#	70
20) 3+4-Methylphenols	7.14	107	623808	55.82	ng	#	59
22) Acetophenone	7.12	105	782818	50.59	ng	#	96
24) Nitrobenzene	7.29	77	644071	47.83	ng		95
25) Isophorone	7.53	82	1224781	48.61	ng		98
26) 2-Nitrophenol	7.61	139	333240	53.74	ng	#	93
27) 2,4-Dimethylphenol	7.66	122	516081	47.44	ng		94
28) bis(2-Chloroethoxy)methane	7.74	93	672837	49.02	ng		98
29) 2,4-Dichlorophenol	7.86	162	462554	50.39	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	512794	48.16	ng		99
31) Naphthalene	8.01	128	1688942	47.04	ng		99
32) Benzoic acid	7.82	122	326875	57.94	ng		91
33) 4-Chloroaniline	8.06	127	646108	48.05	ng	#	90
34) Hexachlorobutadiene	8.12	225	291058	48.76	ng		98
35) Caprolactam	8.46	113	158144	51.64	ng	#	54
36) 4-Chloro-3-methylphenol	8.57	107	569092	54.15	ng		95
37) 2-Methylnaphthalene	8.69	142	954377	45.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	480708	49.28	ng		100
40) Hexachlorocyclopentadiene	8.84	237	236258	48.74	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	310643	50.38	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	315797	46.99	ng	#	82
45) 1,1'-Biphenyl	9.16	154	1269682	44.58	ng		96
46) 2-Chloronaphthalene	9.18	162	1021331	47.16	ng		95
47) 2-Nitroaniline	9.29	65	353810	50.94	ng	#	72
48) Acenaphthylene	9.60	152	1466526	43.32	ng		99
49) Dimethylphthalate	9.47	163	1166020	45.45	ng		99
50) 2,6-Dinitrotoluene	9.54	165	286482	54.05	ng	#	76
51) Acenaphthene	9.77	154	940703	43.26	ng		99
52) 3-Nitroaniline	9.71	138	305474	50.68	ng		95
53) 2,4-Dinitrophenol	9.81	184	133733	56.41	ng		87
54) Dibenzofuran	9.94	168	1180554	43.44	ng		95
55) 4-Nitrophenol	9.89	139	181753	46.05	ng		84
56) 2,4-Dinitrotoluene	9.94	165	335168	49.61	ng	#	89
57) Fluorene	10.28	166	1081348	45.83	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	254985	48.53	ng		99
59) Diethylphthalate	10.17	149	1184213	48.76	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	427538	39.91	ng		100
61) 4-Nitroaniline	10.33	138	301076	51.10	ng	#	77
62) Azobenzene	10.43	77	1202200	45.19	ng		85
64) 4,6-Dinitro-2-methylphenol	10.35	198	198515	56.68	ng		84
65) n-Nitrosodiphenylamine	10.40	169	843291	45.22	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	306422	49.84	ng		93
67) Hexachlorobenzene	10.82	284	320212	45.00	ng	#	66
68) Atrazine	10.93	200	306926	54.81	ng		95
69) Pentachlorophenol	11.02	266	178433	47.56	ng		98
70) Phenanthrene	11.23	178	1459184	46.60	ng		100
71) Anthracene	11.29	178	1568400	46.94	ng		99
72) Carbazole	11.45	167	1298303	43.84	ng		98
73) Di-n-butylphthalate	11.78	149	1597444	47.61	ng	#	98
74) Fluoranthene	12.42	202	1646114	52.08	ng		94
76) Benzidine	12.55	184	546715	39.30	ng		99
77) Pyrene	12.65	202	1626636	55.77	ng		100
79) Butylbenzylphthalate	13.27	149	627814	49.70	ng	#	67
80) Benzo(a)anthracene	13.83	228	1053779	48.83	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	724292	50.21	ng	#	96
82) Chrysene	13.87	228	1114850	47.53	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	756435	48.24	ng	#	96
84) Di-n-octyl phthalate	14.43	149	1265209	51.53	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.51	276	992986	57.13	ng		96
87) Benzo(b)fluoranthene	14.83	252	938624m	48.27	ng		
88) Benzo(k)fluoranthene	14.85	252	907404m	44.74	ng		
89) Benzo(a)pyrene	15.15	252	899313	48.98	ng	#	96
90) Dibenzo(a,h)anthracene	16.52	278	821598	54.68	ng	#	92
91) Benzo(g,h,i)perylene	16.89	276	851379	56.54	ng		96

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

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