Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083700.D
Acq On : 11 Dec 2015 16:15
Operator : UM/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:18 PM

Quant Time: Dec 11 18:17:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	154125	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	625092	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	274487	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	516272	20.00	ng		0.00
75) Chrysene-d12	14.08	240	391107	20.00	ng		0.00
86) Perylene-d12	15.51	264	276705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	490721	48.29	ng		-0.01
7) Phenol-d6	6.54	99	639122	47.07	ng		0.00
23) Nitrobenzene-d5	7.48	82	447978	33.44	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	145325	59.43	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1015467	52.07	ng		0.00
78) Terphenyl-d14	13.03	244	925223	55.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	121322	24.17	ng	#	88
3) Pyridine	3.30	79	318802	26.14	ng		90
4) n-Nitrosodimethylamine	3.23	42	132095	20.57	ng	#	82
6) Aniline	6.58	93	425452	25.43	ng	#	87
8) 2-Chlorophenol	6.70	128	286544	25.78	ng		91
9) Benzaldehyde	6.46	77	185665	25.74	ng		94
10) Phenol	6.56	94	391465	23.80	ng	#	73
11) bis(2-Chloroethyl)ether	6.66	93	276668	22.87	ng		89
12) 1,3-Dichlorobenzene	6.86	146	306518	24.75	ng		97
13) 1,4-Dichlorobenzene	6.94	146	328336	25.84	ng		96
14) 1,2-Dichlorobenzene	7.09	146	280980	23.83	ng		97
15) Benzyl Alcohol	7.06	79	224110	23.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	371414	16.60	ng		66
17) 2-Methylphenol	7.17	107	237597	26.28	ng	#	85
18) Hexachloroethane	7.45	117	106687	23.78	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	173385	18.29	ng		96
20) 3+4-Methylphenols	7.32	107	278975	23.43	ng	#	85
22) Acetophenone	7.33	105	404232	23.05	ng	#	94
24) Nitrobenzene	7.50	77	293442	19.82	ng	#	85
25) Isophorone	7.74	82	519316	19.98	ng		96
26) 2-Nitrophenol	7.82	139	105187	17.89	ng	#	79
27) 2,4-Dimethylphenol	7.86	122	268480	26.11	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	304839	21.12	ng	#	96
29) 2,4-Dichlorophenol	8.06	162	226876	24.26	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	246220	23.83	ng		98
31) Naphthalene	8.24	128	831311	25.11	ng		99
32) Benzoic acid	7.95	122	120272	20.76	ng	#	81
33) 4-Chloroaniline	8.27	127	302974	25.10	ng		96
34) Hexachlorobutadiene	8.36	225	136049	22.54	ng		96
35) Caprolactam	8.62	113	70975	25.28	ng	#	73
36) 4-Chloro-3-methylphenol	8.75	107	258665	24.62	ng		87
37) 2-Methylnaphthalene	8.92	142	493309	23.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	234424	26.01	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	101995	83.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	152041m	28.36	ng		
43) 2,4,5-Trichlorophenol	9.23	196	151153m	28.47	ng		
45) 1,1'-Biphenyl	9.39	154	633941	26.57	ng		95
46) 2-Chloronaphthalene	9.41	162	478973	26.59	ng		100
47) 2-Nitroaniline	9.49	65	98394	15.15	ng		93
48) Acenaphthylene	9.82	152	796877	26.83	ng		99
49) Dimethylphthalate	9.69	163	534752	24.47	ng		97
50) 2,6-Dinitrotoluene	9.73	165	94923	21.04	ng		84
51) Acenaphthene	10.00	154	460798	27.10	ng		99
52) 3-Nitroaniline	9.90	138	125027	26.08	ng	#	78
53) 2,4-Dinitrophenol	10.01	184	22360	11.63	ng	#	1
54) Dibenzofuran	10.17	168	633354	26.86	ng		95
55) 4-Nitrophenol	10.05	139	104659	49.58	ng	#	76
56) 2,4-Dinitrotoluene	10.13	165	109434	18.29	ng	#	94
57) Fluorene	10.51	166	513763	24.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	113577	28.90	ng	#	100
59) Diethylphthalate	10.38	149	532777	25.08	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	223969	22.86	ng	#	86
61) 4-Nitroaniline	10.51	138	105016	24.11	ng		92
62) Azobenzene	10.66	77	472562	20.21	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	44448	14.34	ng	#	70
65) n-Nitrosodiphenylamine	10.61	169	414290	24.31	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	142726	24.79	ng	#	90
67) Hexachlorobenzene	11.06	284	157297	25.75	ng		95
68) Atrazine	11.14	200	123816	24.42	ng		96
69) Pentachlorophenol	11.24	266	85064	63.59	ng		99
70) Phenanthrene	11.47	178	763711	25.75	ng		100
71) Anthracene	11.52	178	727579	23.68	ng		99
72) Carbazole	11.66	167	660003	25.05	ng	#	96
73) Di-n-butylphthalate	12.01	149	775602	23.40	ng		100
74) Fluoranthene	12.65	202	730266	24.07	ng		96
76) Benzidine	12.76	184	412081	33.87	ng		99
77) Pyrene	12.88	202	754931	26.81	ng		99
79) Butylbenzylphthalate	13.51	149	259430	20.76	ng	#	80
80) Benzo(a)anthracene	14.07	228	592727	25.89	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	189311	24.48	ng		98
82) Chrysene	14.10	228	585743	25.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	285785	16.47	ng	#	97
84) Di-n-octyl phthalate	14.67	149	381445	14.39	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	494633	31.93	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	427939m	27.16	ng		
88) Benzo(k)fluoranthene	15.13	252	430502m	24.80	ng		
89) Benzo(a)pyrene	15.45	252	404287	26.29	ng		100
90) Dibenzo(a,h)anthracene	16.96	278	413209	35.15	ng	#	95
91) Benzo(g,h,i)perylene	17.37	276	435139	37.96	ng		97

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

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