Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084755.D
Acq On : 2 Feb 2016 19:36
Operator : SJ/IZ
Sample : PB88135BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88135BS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:39 PM

Quant Time: Feb 03 02:37:28 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 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	170074	20.00	ng		-0.03
21) Naphthalene-d8	7.98	136	702796	20.00	ng		-0.03
38) Acenaphthene-d10	9.73	164	333511	20.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	657295	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	467949	20.00	ng		-0.02
86) Perylene-d12	15.23	264	410492	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1186933	108.70	ng		-0.01
7) Phenol-d6	6.35	99	1615928	119.38	ng		-0.02
23) Nitrobenzene-d5	7.28	82	1039901	83.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	460288	132.31	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1808333	95.10	ng		-0.02
78) Terphenyl-d14	12.81	244	1878189	90.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	139060	29.08	ng	#	72
3) Pyridine	2.92	79	448208	35.97	ng	#	75
4) n-Nitrosodimethylamine	2.88	42	243847	37.83	ng		82
6) Aniline	6.36	93	228422	13.79	ng	#	1
8) 2-Chlorophenol	6.49	128	492142	39.82	ng		97
9) Benzaldehyde	6.24	77	203470	25.45	ng		93
10) Phenol	6.36	94	495511	32.68	ng	#	73
11) bis(2-Chloroethyl)ether	6.44	93	442826m	37.45	ng		
12) 1,3-Dichlorobenzene	6.64	146	479156	36.69	ng	#	95
13) 1,4-Dichlorobenzene	6.72	146	496809	38.06	ng		95
14) 1,2-Dichlorobenzene	6.86	146	424005	34.87	ng		95
15) Benzyl Alcohol	6.85	79	367978	39.37	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	721484	36.27	ng		87
17) 2-Methylphenol	6.98	107	399383	40.86	ng	#	94
18) Hexachloroethane	7.21	117	185383	36.88	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	343280	40.46	ng	#	78
20) 3+4-Methylphenols	7.13	107	483555	39.86	ng	#	80
22) Acetophenone	7.12	105	663498	35.82	ng		99
24) Nitrobenzene	7.29	77	470040	35.18	ng		97
25) Isophorone	7.53	82	899507	37.08	ng		97
26) 2-Nitrophenol	7.61	139	263696	40.02	ng	#	90
27) 2,4-Dimethylphenol	7.65	122	423442	36.95	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	534838	37.16	ng		99
29) 2,4-Dichlorophenol	7.86	162	387467	39.51	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	400540	36.16	ng		96
31) Naphthalene	8.01	128	1297387	36.80	ng		99
32) Benzoic acid	7.79	122	256017	34.92	ng		94
33) 4-Chloroaniline	8.06	127	112907	7.74	ng		95
34) Hexachlorobutadiene	8.13	225	245747	38.48	ng		99
35) Caprolactam	8.44	113	128178m	42.41	ng		
36) 4-Chloro-3-methylphenol	8.57	107	479129	42.83	ng		98
37) 2-Methylnaphthalene	8.70	142	954559	43.26	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	358218	33.82	ng		98
40) Hexachlorocyclopentadiene	8.85	237	364880	78.60	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	271545	39.79	ng		92
43) 2,4,5-Trichlorophenol	9.04	196	277742	40.06	ng		93
45) 1,1'-Biphenyl	9.16	154	1066865	35.81	ng		98
46) 2-Chloronaphthalene	9.18	162	781128	35.61	ng		96
47) 2-Nitroaniline	9.29	65	249380	35.90	ng		98
48) Acenaphthylene	9.61	152	1274432	38.28	ng		99
49) Dimethylphthalate	9.48	163	1027873	40.46	ng	#	91
50) 2,6-Dinitrotoluene	9.54	165	238529	42.99	ng		96
51) Acenaphthene	9.77	154	824130	38.05	ng		97
52) 3-Nitroaniline	9.70	138	65702	10.54	ng	#	89
53) 2,4-Dinitrophenol	9.81	184	228521	88.56	ng	#	86
54) Dibenzofuran	9.95	168	1194114	45.11	ng		100
55) 4-Nitrophenol	9.88	139	293567	64.06	ng	#	77
56) 2,4-Dinitrotoluene	9.94	165	286933	40.54	ng	#	82
57) Fluorene	10.28	166	864555	39.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	232090	43.97	ng		91
59) Diethylphthalate	10.18	149	1032781	41.64	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	407500	43.66	ng		97
61) 4-Nitroaniline	10.32	138	213922	35.21	ng		92
62) Azobenzene	10.44	77	1072626	44.97	ng		91
64) 4,6-Dinitro-2-methylphenol	10.35	198	171372	42.24	ng		80
65) n-Nitrosodiphenylamine	10.41	169	878822	42.11	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	291707	40.18	ng		99
67) Hexachlorobenzene	10.83	284	286753	36.25	ng	#	87
68) Atrazine	10.93	200	247826	37.60	ng		97
69) Pentachlorophenol	11.04	266	293760	79.02	ng		98
70) Phenanthrene	11.24	178	1309591	35.92	ng		98
71) Anthracene	11.30	178	1489632	40.55	ng		100
72) Carbazole	11.46	167	1318860	41.17	ng		97
73) Di-n-butylphthalate	11.79	149	1429839	35.06	ng	#	96
74) Fluoranthene	12.43	202	1501255	40.69	ng		93
76) Benzidine	12.56	184	321448	20.97	ng		98
77) Pyrene	12.65	202	1471620	41.08	ng		99
79) Butylbenzylphthalate	13.29	149	676788	41.64	ng	#	84
80) Benzo(a)anthracene	13.84	228	1169135	40.25	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	176076	17.12	ng	#	96
82) Chrysene	13.88	228	1104165	39.21	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	829529	41.01	ng	#	96
84) Di-n-octyl phthalate	14.45	149	1276120	38.24	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.52	276	889725	40.13	ng		99
87) Benzo(b)fluoranthene	14.84	252	1258318m	45.62	ng		
88) Benzo(k)fluoranthene	14.88	252	725938m	31.83	ng		
89) Benzo(a)pyrene	15.17	252	924987	39.36	ng		98
90) Dibenzo(a,h)anthracene	16.53	278	732895	37.05	ng		98
91) Benzo(g,h,i)perylene	16.91	276	742957	37.28	ng		99

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

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