Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084212.D
Acq On : 31 Dec 2015 23:17
Operator : UM/SJ
Sample : PB86817BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86817BS

Manual Integrations APPROVED
UMANGI
1/4/2016 4:29:46 PM

Quant Time: Jan 02 00:44:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	275118	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1165029	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	529147	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	966685	20.00	ng		0.00
75) Chrysene-d12	14.07	240	749189	20.00	ng		0.00
86) Perylene-d12	15.51	264	526763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2031705	119.45	ng		0.01
7) Phenol-d6	6.53	99	2513812	117.68	ng		0.00
23) Nitrobenzene-d5	7.47	82	1785465	85.29	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	697693	130.60	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2557293	85.02	ng		0.00
78) Terphenyl-d14	13.01	244	2367094	70.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	281473	34.93	ng	#	72
3) Pyridine	3.34	79	781990	34.81	ng	#	71
4) n-Nitrosodimethylamine	3.30	42	466291	40.44	ng	#	76
6) Aniline	6.57	93	730565	23.38	ng	#	78
8) 2-Chlorophenol	6.68	128	772686	40.04	ng		84
9) Benzaldehyde	6.44	77	226171	16.26	ng		97
10) Phenol	6.54	94	1133915	46.69	ng		90
11) bis(2-Chloroethyl)ether	6.64	93	709686	37.72	ng	#	79
12) 1,3-Dichlorobenzene	6.84	146	831277m	41.76	ng		
13) 1,4-Dichlorobenzene	6.92	146	856391	42.90	ng		94
14) 1,2-Dichlorobenzene	7.07	146	735278	38.46	ng		96
15) Benzyl Alcohol	7.05	79	771413	42.93	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1379584	40.26	ng		84
17) 2-Methylphenol	7.15	107	686569	42.45	ng		95
18) Hexachloroethane	7.41	117	322341	40.38	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	625370	43.25	ng	#	72
20) 3+4-Methylphenols	7.31	107	796707	41.91	ng	#	81
22) Acetophenone	7.31	105	1074342	38.35	ng	#	83
24) Nitrobenzene	7.48	77	791450	37.28	ng		93
25) Isophorone	7.72	82	1598974	39.94	ng		97
26) 2-Nitrophenol	7.80	139	411125	42.55	ng	#	83
27) 2,4-Dimethylphenol	7.84	122	783097	40.04	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	978940	40.03	ng		98
29) 2,4-Dichlorophenol	8.04	162	654825	40.19	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	714193	42.46	ng	#	94
31) Naphthalene	8.21	128	2311623	43.73	ng		99
32) Benzoic acid	7.96	122	516699	41.97	ng		96
33) 4-Chloroaniline	8.26	127	320733	13.24	ng	#	93
34) Hexachlorobutadiene	8.33	225	387707	40.10	ng		98
35) Caprolactam	8.62	113	219131m	39.90	ng		
36) 4-Chloro-3-methylphenol	8.74	107	743844	40.76	ng		95
37) 2-Methylnaphthalene	8.90	142	1444090	38.06	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	658552	43.29	ng		97
40) Hexachlorocyclopentadiene	9.06	237	790898	86.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	462595	40.65	ng		93
43) 2,4,5-Trichlorophenol	9.22	196	462257	42.37	ng	#	87
45) 1,1'-Biphenyl	9.37	154	1810778	43.06	ng		100
46) 2-Chloronaphthalene	9.39	162	1348268	40.82	ng		95
47) 2-Nitroaniline	9.48	65	454464	41.68	ng		96
48) Acenaphthylene	9.80	152	2112870	43.29	ng		97
49) Dimethylphthalate	9.68	163	1660798	43.90	ng	#	92
50) 2,6-Dinitrotoluene	9.73	165	385518	46.47	ng		94
51) Acenaphthene	9.97	154	1540960	47.07	ng		98
52) 3-Nitroaniline	9.89	138	222373	21.63	ng		91
53) 2,4-Dinitrophenol	10.00	184	309818	87.32	ng	#	75
54) Dibenzofuran	10.16	168	1932588	45.62	ng		99
55) 4-Nitrophenol	10.05	139	569787	76.35	ng	#	77
56) 2,4-Dinitrotoluene	10.13	165	549069	52.29	ng		86
57) Fluorene	10.49	166	1402859	42.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	416122	44.67	ng		87
59) Diethylphthalate	10.37	149	1668519	44.74	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	696886	51.52	ng		99
61) 4-Nitroaniline	10.51	138	385536	42.07	ng		95
62) Azobenzene	10.65	77	1878490	45.92	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	230600	39.05	ng	#	61
65) n-Nitrosodiphenylamine	10.60	169	1251447	40.49	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	471485	45.31	ng		93
67) Hexachlorobenzene	11.04	284	468290	39.99	ng	#	82
68) Atrazine	11.13	200	460832	45.56	ng		98
69) Pentachlorophenol	11.23	266	505477	83.24	ng		97
70) Phenanthrene	11.45	178	2235004	44.20	ng		96
71) Anthracene	11.50	178	2160933	43.60	ng		96
72) Carbazole	11.65	167	1844488	38.06	ng		98
73) Di-n-butylphthalate	12.00	149	2500158	49.88	ng	#	95
74) Fluoranthene	12.64	202	2082101	39.42	ng		98
76) Benzidine	12.76	184	492899	18.35	ng		98
77) Pyrene	12.87	202	2134376	36.30	ng		97
79) Butylbenzylphthalate	13.49	149	1125426	44.24	ng		96
80) Benzo(a)anthracene	14.05	228	1781175	40.49	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	378793	24.67	ng	#	98
82) Chrysene	14.09	228	1399354	33.10	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1308132	40.70	ng	#	97
84) Di-n-octyl phthalate	14.66	149	2087169	38.46	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.92	276	1380825	41.21	ng		99
87) Benzo(b)fluoranthene	15.08	252	1703658m	49.44	ng		
88) Benzo(k)fluoranthene	15.12	252	1082760m	38.42	ng		
89) Benzo(a)pyrene	15.44	252	1294170	44.28	ng	#	95
90) Dibenzo(a,h)anthracene	16.95	278	1132480	45.03	ng	#	95
91) Benzo(g,h,i)perylene	17.35	276	1171366	44.98	ng		98

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

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