Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081525.D
Acq On : 8 Sep 2015 16:34
Operator : UM/IZ
Sample : PB85410BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85410BS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:57:58 PM

Quant Time: Sep 09 00:36:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	50548	20.00	ng		0.00
21) Naphthalene-d8	7.63	136	191663	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	93617	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	198990	20.00	ng		0.00
75) Chrysene-d12	13.45	240	160512	20.00	ng		0.00
86) Perylene-d12	14.75	264	99246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	379023	116.34	ng		0.02
7) Phenol-d6	6.02	99	461988	107.13	ng		0.00
23) Nitrobenzene-d5	6.92	82	295867	74.48	ng		0.00
41) 2,4,6-Tribromophenol	10.17	330	105938	127.09	ng		0.01
44) 2-Fluorobiphenyl	8.72	172	493645	67.57	ng		0.00
78) Terphenyl-d14	12.42	244	487596	70.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	38512	26.32	ng	#	79
3) Pyridine	2.27	79	109649	27.18	ng	#	83
4) n-Nitrosodimethylamine	2.24	42	82178	36.66	ng	#	71
6) Aniline	6.01	93	169755	27.88	ng	#	80
8) 2-Chlorophenol	6.14	128	131618	36.66	ng		94
9) Benzaldehyde	5.88	77	89122	32.98	ng	#	81
10) Phenol	6.03	94	184326	36.86	ng	#	52
11) bis(2-Chloroethyl)ether	6.10	93	136993	37.97	ng		88
12) 1,3-Dichlorobenzene	6.28	146	139487	36.36	ng	#	92
13) 1,4-Dichlorobenzene	6.36	146	143554	36.76	ng	#	90
14) 1,2-Dichlorobenzene	6.51	146	123603	35.15	ng	#	86
15) Benzyl Alcohol	6.51	79	127240	35.97	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	6.65	45	276844	40.03	ng	#	7
17) 2-Methylphenol	6.65	107	112141	39.15	ng	#	75
18) Hexachloroethane	6.86	117	55223	36.34	ng		90
19) n-Nitroso-di-n-propylamine	6.79	70	101150	34.46	ng	#	90
20) 3+4-Methylphenols	6.81	107	142065	36.78	ng		86
22) Acetophenone	6.78	105	193612	36.98	ng	#	75
24) Nitrobenzene	6.95	77	170063	41.22	ng	#	67
25) Isophorone	7.19	82	279173	37.78	ng	#	82
26) 2-Nitrophenol	7.27	139	69219	38.50	ng	#	55
27) 2,4-Dimethylphenol	7.32	122	112431	36.20	ng	#	73
28) bis(2-Chloroethoxy)methane	7.42	93	155214	36.37	ng	#	91
29) 2,4-Dichlorophenol	7.52	162	104519	38.81	ng		98
30) 1,2,4-Trichlorobenzene	7.59	180	117170	40.05	ng		98
31) Naphthalene	7.66	128	362179	35.43	ng		98
32) Benzoic acid	7.48	122	56957	26.87	ng	#	50
33) 4-Chloroaniline	7.72	127	94498	22.67	ng	#	82
34) Hexachlorobutadiene	7.78	225	65401	36.73	ng		97
35) Caprolactam	8.10	113	37583m	45.50	ng		
36) 4-Chloro-3-methylphenol	8.24	107	130364	43.25	ng	#	82
37) 2-Methylnaphthalene	8.35	142	267733	40.25	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	100493	33.94	ng		97
40) Hexachlorocyclopentadiene	8.50	237	104027	71.60	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	72071	35.27	ng		98
43) 2,4,5-Trichlorophenol	8.68	196	82431	39.54	ng	#	91
45) 1,1'-Biphenyl	8.82	154	294521	34.20	ng		95
46) 2-Chloronaphthalene	8.83	162	233246	37.50	ng	#	89
47) 2-Nitroaniline	8.95	65	98557	38.88	ng	#	80
48) Acenaphthylene	9.23	152	371511	33.67	ng		97
49) Dimethylphthalate	9.13	163	271619	37.34	ng	#	97
50) 2,6-Dinitrotoluene	9.19	165	50505	30.59	ng	#	1
51) Acenaphthene	9.42	154	217079	34.58	ng		90
52) 3-Nitroaniline	9.36	138	42450	22.59	ng	#	87
53) 2,4-Dinitrophenol	9.47	184	58384	83.97	ng	#	74
54) Dibenzofuran	9.59	168	350625	38.25	ng		92
55) 4-Nitrophenol	9.55	139	98145	83.12	ng	#	19
56) 2,4-Dinitrotoluene	9.59	165	74480	35.43	ng	#	12
57) Fluorene	9.92	166	255489	36.73	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.71	232	68898	43.29	ng		94
59) Diethylphthalate	9.83	149	289433	37.83	ng		95
60) 4-Chlorophenyl-phenylether	9.93	204	125591	38.74	ng		95
61) 4-Nitroaniline	9.96	138	65274	34.38	ng	#	25
62) Azobenzene	10.08	77	326269	38.36	ng		81
64) 4,6-Dinitro-2-methylphenol	10.00	198	42035	37.77	ng		90
65) n-Nitrosodiphenylamine	10.04	169	215876	29.81	ng		90
66) 4-Bromophenyl-phenylether	10.41	248	75954	37.75	ng	#	88
67) Hexachlorobenzene	10.46	284	71921	34.19	ng	#	60
68) Atrazine	10.58	200	73049	34.86	ng	#	80
69) Pentachlorophenol	10.66	266	72233	71.56	ng		97
70) Phenanthrene	10.87	178	414580	37.48	ng		97
71) Anthracene	10.91	178	364999	32.11	ng		98
72) Carbazole	11.09	167	406190	38.08	ng		96
73) Di-n-butylphthalate	11.44	149	503042	39.94	ng	#	99
74) Fluoranthene	12.03	202	403985	33.73	ng		91
76) Benzidine	12.18	184	208401	30.24	ng		98
77) Pyrene	12.26	202	479340	40.32	ng		99
79) Butylbenzylphthalate	12.91	149	200278	38.73	ng		96
80) Benzo(a)anthracene	13.44	228	375629	36.75	ng		98
81) 3,3'-Dichlorobenzidine	13.42	252	64380	18.67	ng	#	95
82) Chrysene	13.47	228	270670	29.54	ng		95
83) Bis(2-ethylhexyl)phthalate	13.47	149	241868	35.44	ng	#	89
84) Di-n-octyl phthalate	14.08	149	350777	31.22	ng		96
85) Indeno(1,2,3-cd)pyrene	15.83	276	227602	33.86	ng	#	85
87) Benzo(b)fluoranthene	14.43	252	321937m	45.44	ng		
88) Benzo(k)fluoranthene	14.46	252	205380m	34.93	ng		
89) Benzo(a)pyrene	14.71	252	229215	38.18	ng	#	86
90) Dibenzo(a,h)anthracene	15.84	278	194164	41.85	ng	#	77
91) Benzo(g,h,i)perylene	16.14	276	186556	42.13	ng	#	75

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

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