Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081311.D
Acq On : 1 Sep 2015 19:01
Operator : UM/IZ
Sample : PB85326BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85326BS

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:50 PM

Quant Time: Sep 02 01:11:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	53234	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	205360	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	93112	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	186985	20.00	ng		0.00
75) Chrysene-d12	13.50	240	166774	20.00	ng		0.00
86) Perylene-d12	14.80	264	115319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	371952	108.41	ng		0.02
7) Phenol-d6	6.06	99	481678	106.06	ng		0.00
23) Nitrobenzene-d5	6.97	82	307654	72.28	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	92075	111.06	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	556865	76.64	ng		0.00
78) Terphenyl-d14	12.47	244	453954	63.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	44556	28.91	ng		96
3) Pyridine	2.35	79	128966	30.35	ng		92
4) n-Nitrosodimethylamine	2.31	42	68456	29.00	ng	#	78
6) Aniline	6.04	93	99284	15.48	ng	#	60
8) 2-Chlorophenol	6.17	128	128511	33.99	ng		84
9) Benzaldehyde	5.92	77	15979	5.62	ng	#	66
10) Phenol	6.07	94	194800	36.99	ng	#	59
11) bis(2-Chloroethyl)ether	6.14	93	119057	31.33	ng		86
12) 1,3-Dichlorobenzene	6.32	146	119212	29.51	ng	#	85
13) 1,4-Dichlorobenzene	6.41	146	124859	30.36	ng	#	94
14) 1,2-Dichlorobenzene	6.56	146	122616m	33.11	ng		
15) Benzyl Alcohol	6.56	79	122502	32.88	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	6.70	45	236401	32.46	ng		90
17) 2-Methylphenol	6.68	107	103958	34.46	ng	#	80
18) Hexachloroethane	6.90	117	50677	31.67	ng	#	84
19) n-Nitroso-di-n-propylamine	6.83	70	99103	32.06	ng	#	82
20) 3+4-Methylphenols	6.84	107	134911	33.17	ng		88
22) Acetophenone	6.81	105	181842	32.42	ng	#	74
24) Nitrobenzene	6.98	77	138929	31.43	ng	#	62
25) Isophorone	7.23	82	256301	32.37	ng	#	86
26) 2-Nitrophenol	7.30	139	61103	31.72	ng	#	32
27) 2,4-Dimethylphenol	7.37	122	115576	34.73	ng	#	81
28) bis(2-Chloroethoxy)methane	7.46	93	152410	33.33	ng	#	93
29) 2,4-Dichlorophenol	7.55	162	101813	35.28	ng		95
30) 1,2,4-Trichlorobenzene	7.62	180	99702	31.81	ng	#	95
31) Naphthalene	7.70	128	369241	33.71	ng		98
32) Benzoic acid	7.51	122	67689	29.53	ng	#	56
33) 4-Chloroaniline	7.77	127	40683	9.11	ng	#	92
34) Hexachlorobutadiene	7.83	225	62636	32.83	ng		98
35) Caprolactam	8.14	113	36286m	41.00	ng		
36) 4-Chloro-3-methylphenol	8.27	107	115544	35.77	ng		86
37) 2-Methylnaphthalene	8.39	142	218965	30.72	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	105498	35.83	ng		98
40) Hexachlorocyclopentadiene	8.55	237	115511	79.93	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	63506	31.25	ng		95
43) 2,4,5-Trichlorophenol	8.72	196	69488	33.52	ng	#	82
45) 1,1'-Biphenyl	8.86	154	281194	32.83	ng		95
46) 2-Chloronaphthalene	8.87	162	198330	32.06	ng	#	86
47) 2-Nitroaniline	8.98	65	92835	36.82	ng	#	64
48) Acenaphthylene	9.28	152	333002	30.34	ng		97
49) Dimethylphthalate	9.18	163	265343	36.68	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	52567	32.02	ng		94
51) Acenaphthene	9.45	154	195492	31.31	ng		90
52) 3-Nitroaniline	9.39	138	28865	15.44	ng	#	81
53) 2,4-Dinitrophenol	9.51	184	56541	81.76	ng	#	83
54) Dibenzofuran	9.62	168	294627	32.32	ng	#	83
55) 4-Nitrophenol	9.58	139	72946	62.12	ng	#	1
56) 2,4-Dinitrotoluene	9.63	165	69442	33.22	ng	#	93
57) Fluorene	9.96	166	253420	36.63	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	54140	34.20	ng	#	86
59) Diethylphthalate	9.87	149	270172	35.50	ng		98
60) 4-Chlorophenyl-phenylether	9.96	204	109496	33.96	ng	#	79
61) 4-Nitroaniline	10.00	138	58576	31.02	ng	#	28
62) Azobenzene	10.12	77	315529	37.29	ng		88
64) 4,6-Dinitro-2-methylphenol	10.03	198	36903	35.29	ng		82
65) n-Nitrosodiphenylamine	10.09	169	231933	34.09	ng		92
66) 4-Bromophenyl-phenylether	10.44	248	60520	32.01	ng	#	79
67) Hexachlorobenzene	10.50	284	63412	32.08	ng	#	81
68) Atrazine	10.63	200	74239	37.70	ng		83
69) Pentachlorophenol	10.71	266	59977	64.25	ng		98
70) Phenanthrene	10.91	178	339065	32.62	ng		97
71) Anthracene	10.96	178	357786	33.50	ng		98
72) Carbazole	11.12	167	315595	31.49	ng		95
73) Di-n-butylphthalate	11.47	149	381725	32.26	ng	#	98
74) Fluoranthene	12.08	202	370615	32.93	ng		91
76) Benzidine	12.22	184	136691	19.09	ng		99
77) Pyrene	12.31	202	402266	32.56	ng		98
79) Butylbenzylphthalate	12.96	149	169126	31.48	ng		96
80) Benzo(a)anthracene	13.49	228	317086	29.86	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	50087	13.98	ng	#	95
82) Chrysene	13.52	228	295596m	31.05	ng		
83) Bis(2-ethylhexyl)phthalate	13.52	149	218904	30.87	ng	#	91
84) Di-n-octyl phthalate	14.13	149	358427	30.70	ng		98
85) Indeno(1,2,3-cd)pyrene	15.89	276	207517	29.71	ng	#	87
87) Benzo(b)fluoranthene	14.48	252	335478m	40.75	ng		
88) Benzo(k)fluoranthene	14.50	252	191082m	27.97	ng		
89) Benzo(a)pyrene	14.75	252	242977	34.83	ng	#	86
90) Dibenzo(a,h)anthracene	15.90	278	174904	32.44	ng	#	83
91) Benzo(g,h,i)perylene	16.21	276	165508	32.17	ng	#	77

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

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