Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081382.D
Acq On : 3 Sep 2015 18:09
Operator : UM/IZ
Sample : PB85360BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85360BSD

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:50:51 PM

Quant Time: Sep 04 03:51:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58659	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	235305	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	116308	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	228579	20.00	ng		0.00
75) Chrysene-d12	13.47	240	180108	20.00	ng		0.00
86) Perylene-d12	14.78	264	117319	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	253067	66.94	ng		0.01
7) Phenol-d6	6.04	99	360242	71.98	ng		0.00
23) Nitrobenzene-d5	6.95	82	301833	61.89	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	67950	65.61	ng		0.00
44) 2-Fluorobiphenyl	8.74	172	499891	55.08	ng		-0.01
78) Terphenyl-d14	12.46	244	534921	69.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	45902	27.03	ng	#	87
3) Pyridine	2.31	79	139590	29.81	ng	#	88
4) n-Nitrosodimethylamine	2.27	42	80721	31.03	ng		83
6) Aniline	6.03	93	107820	15.26	ng	#	78
8) 2-Chlorophenol	6.16	128	141605	33.99	ng		92
9) Benzaldehyde	5.91	77	15342	4.89	ng	#	85
10) Phenol	6.06	94	207383	35.73	ng	#	63
11) bis(2-Chloroethyl)ether	6.12	93	151078	36.08	ng		95
12) 1,3-Dichlorobenzene	6.31	146	143387	32.21	ng	#	94
13) 1,4-Dichlorobenzene	6.39	146	147672	32.58	ng	#	91
14) 1,2-Dichlorobenzene	6.54	146	127836	31.33	ng	#	86
15) Benzyl Alcohol	6.54	79	131891	32.13	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	274598	34.21	ng	#	4
17) 2-Methylphenol	6.67	107	117099	35.23	ng	#	76
18) Hexachloroethane	6.88	117	55736	31.61	ng		93
19) n-Nitroso-di-n-propylamine	6.81	70	104597	30.71	ng	#	87
20) 3+4-Methylphenols	6.83	107	152786	34.09	ng		89
22) Acetophenone	6.80	105	211080	32.84	ng	#	79
24) Nitrobenzene	6.97	77	170733	33.71	ng	#	71
25) Isophorone	7.21	82	274799	30.29	ng	#	83
26) 2-Nitrophenol	7.29	139	72688	32.93	ng	#	69
27) 2,4-Dimethylphenol	7.35	122	122963	32.25	ng	#	79
28) bis(2-Chloroethoxy)methane	7.44	93	169527	32.35	ng	#	91
29) 2,4-Dichlorophenol	7.54	162	111305	33.67	ng		98
30) 1,2,4-Trichlorobenzene	7.61	180	120168	33.46	ng		97
31) Naphthalene	7.68	128	378665	30.17	ng		98
32) Benzoic acid	7.51	122	74149	28.34	ng	#	61
33) 4-Chloroaniline	7.75	127	53218	10.40	ng	#	85
34) Hexachlorobutadiene	7.80	225	67477	30.87	ng		98
35) Caprolactam	8.12	113	40923m	40.36	ng		
36) 4-Chloro-3-methylphenol	8.26	107	143746	38.84	ng	#	75
37) 2-Methylnaphthalene	8.38	142	278387	34.09	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	106282	28.89	ng		97
40) Hexachlorocyclopentadiene	8.52	237	112805	62.49	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	74630	29.40	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	78029	30.13	ng	#	92
45) 1,1'-Biphenyl	8.84	154	334590	31.27	ng		95
46) 2-Chloronaphthalene	8.86	162	236224	30.57	ng	#	88
47) 2-Nitroaniline	8.97	65	109870	34.89	ng	#	73
48) Acenaphthylene	9.27	152	418940	30.56	ng		97
49) Dimethylphthalate	9.16	163	289667	32.05	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	56081	27.34	ng	#	8
51) Acenaphthene	9.44	154	253582	32.52	ng		89
52) 3-Nitroaniline	9.38	138	35186	15.07	ng	#	80
53) 2,4-Dinitrophenol	9.48	184	54848	63.49	ng	#	1
54) Dibenzofuran	9.61	168	380506	33.41	ng	#	90
55) 4-Nitrophenol	9.58	139	91915m	62.66	ng		
56) 2,4-Dinitrotoluene	9.61	165	77223	29.57	ng	#	7
57) Fluorene	9.94	166	269451	31.18	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	67670	34.22	ng	#	92
59) Diethylphthalate	9.85	149	288523	30.35	ng		94
60) 4-Chlorophenyl-phenylether	9.95	204	139862	34.72	ng		96
61) 4-Nitroaniline	9.99	138	64912	27.52	ng	#	22
62) Azobenzene	10.10	77	338092	31.99	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.02	198	42356	33.13	ng	#	74
65) n-Nitrosodiphenylamine	10.07	169	241387	29.02	ng		92
66) 4-Bromophenyl-phenylether	10.43	248	78564	33.99	ng		99
67) Hexachlorobenzene	10.49	284	79607	32.94	ng	#	80
68) Atrazine	10.62	200	85046	35.33	ng		83
69) Pentachlorophenol	10.68	266	77647	67.53	ng		99
70) Phenanthrene	10.89	178	390166	30.70	ng		97
71) Anthracene	10.95	178	419757	32.15	ng		99
72) Carbazole	11.11	167	395829	32.31	ng		96
73) Di-n-butylphthalate	11.46	149	480468	33.21	ng	#	99
74) Fluoranthene	12.07	202	463802	33.71	ng		85
76) Benzidine	12.20	184	161056	20.83	ng		97
77) Pyrene	12.29	202	453907	34.02	ng		98
79) Butylbenzylphthalate	12.94	149	194835	33.58	ng	#	78
80) Benzo(a)anthracene	13.46	228	362448	31.60	ng		98
81) 3,3'-Dichlorobenzidine	13.44	252	53929	13.94	ng		99
82) Chrysene	13.50	228	333517	32.44	ng		95
83) Bis(2-ethylhexyl)phthalate	13.51	149	259125	33.84	ng	#	93
84) Di-n-octyl phthalate	14.11	149	390733	30.99	ng		98
85) Indeno(1,2,3-cd)pyrene	15.86	276	207745	27.54	ng	#	87
87) Benzo(b)fluoranthene	14.46	252	288907m	34.49	ng		
88) Benzo(k)fluoranthene	14.48	252	226344m	32.57	ng		
89) Benzo(a)pyrene	14.73	252	224703	31.66	ng	#	89
90) Dibenzo(a,h)anthracene	15.87	278	174277	31.78	ng	#	80
91) Benzo(g,h,i)perylene	16.18	276	173132	33.08	ng	#	74

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

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