Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081524.D
Acq On : 8 Sep 2015 16:02
Operator : UM/IZ
Sample : PB85437BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85437BS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:57:45 PM

Quant Time: Sep 09 00:34:43 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	49483	20.00	ng		0.00
21) Naphthalene-d8	7.63	136	185703	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	92414	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	191504	20.00	ng		0.00
75) Chrysene-d12	13.45	240	170061	20.00	ng		0.00
86) Perylene-d12	14.75	264	110313	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	252066	79.03	ng		0.02
7) Phenol-d6	6.02	99	346337	82.04	ng		0.00
23) Nitrobenzene-d5	6.92	82	291908	75.84	ng		0.00
41) 2,4,6-Tribromophenol	10.16	330	61788	75.09	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	501086	69.48	ng		0.00
78) Terphenyl-d14	12.42	244	520402	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	42544	29.70	ng	#	84
3) Pyridine	2.27	79	129546	32.80	ng	#	84
4) n-Nitrosodimethylamine	2.24	42	88505	40.34	ng	#	63
6) Aniline	6.01	93	154057	25.84	ng	#	79
8) 2-Chlorophenol	6.14	128	132796	37.79	ng		96
9) Benzaldehyde	5.88	77	75394	28.50	ng	#	84
10) Phenol	6.03	94	203134	41.49	ng	#	59
11) bis(2-Chloroethyl)ether	6.10	93	142575	40.36	ng		94
12) 1,3-Dichlorobenzene	6.28	146	136436	36.33	ng	#	93
13) 1,4-Dichlorobenzene	6.36	146	147436	38.56	ng	#	91
14) 1,2-Dichlorobenzene	6.51	146	123017m	35.74	ng		
15) Benzyl Alcohol	6.51	79	126110	36.41	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.65	45	271867	40.15	ng	#	8
17) 2-Methylphenol	6.65	107	109266	38.96	ng	#	75
18) Hexachloroethane	6.86	117	57070	38.37	ng		89
19) n-Nitroso-di-n-propylamine	6.79	70	101235	35.23	ng	#	90
20) 3+4-Methylphenols	6.81	107	145196	38.40	ng		88
22) Acetophenone	6.78	105	195742	38.59	ng	#	76
24) Nitrobenzene	6.95	77	171084	42.80	ng	#	67
25) Isophorone	7.19	82	275956	38.55	ng	#	82
26) 2-Nitrophenol	7.27	139	71867	41.25	ng	#	59
27) 2,4-Dimethylphenol	7.32	122	113887	37.85	ng	#	72
28) bis(2-Chloroethoxy)methane	7.42	93	160169	38.73	ng	#	91
29) 2,4-Dichlorophenol	7.52	162	104402	40.01	ng		99
30) 1,2,4-Trichlorobenzene	7.59	180	115131	40.62	ng		97
31) Naphthalene	7.66	128	363617	36.71	ng		97
32) Benzoic acid	7.48	122	54412	26.53	ng	#	67
33) 4-Chloroaniline	7.72	127	84625	20.95	ng	#	83
34) Hexachlorobutadiene	7.78	225	68035	39.44	ng		96
35) Caprolactam	8.10	113	36624m	45.76	ng		
36) 4-Chloro-3-methylphenol	8.24	107	135858	46.52	ng	#	82
37) 2-Methylnaphthalene	8.35	142	264209	40.99	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	102062	34.92	ng		99
40) Hexachlorocyclopentadiene	8.50	237	103568	72.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	73527	36.45	ng		98
43) 2,4,5-Trichlorophenol	8.68	196	80750	39.24	ng	#	89
45) 1,1'-Biphenyl	8.82	154	294797	34.67	ng		96
46) 2-Chloronaphthalene	8.83	162	237352	38.66	ng	#	90
47) 2-Nitroaniline	8.95	65	99600	39.80	ng	#	80
48) Acenaphthylene	9.24	152	385160	35.36	ng		97
49) Dimethylphthalate	9.13	163	267132	37.20	ng	#	97
50) 2,6-Dinitrotoluene	9.19	165	51193	31.41	ng	#	2
51) Acenaphthene	9.42	154	216000	34.86	ng		90
52) 3-Nitroaniline	9.35	138	41018	22.11	ng	#	28
53) 2,4-Dinitrophenol	9.47	184	55899	81.44	ng	#	70
54) Dibenzofuran	9.59	168	350841	38.78	ng	#	91
55) 4-Nitrophenol	9.55	139	99258	85.16	ng	#	22
56) 2,4-Dinitrotoluene	9.59	165	71165	34.30	ng	#	9
57) Fluorene	9.92	166	261306	38.06	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	70253	44.72	ng		97
59) Diethylphthalate	9.83	149	295395	39.11	ng		95
60) 4-Chlorophenyl-phenylether	9.93	204	121138	37.85	ng		93
61) 4-Nitroaniline	9.96	138	67206	35.86	ng	#	25
62) Azobenzene	10.08	77	321224	38.25	ng		81
64) 4,6-Dinitro-2-methylphenol	10.00	198	40867	38.15	ng		84
65) n-Nitrosodiphenylamine	10.04	169	222500	31.93	ng		91
66) 4-Bromophenyl-phenylether	10.41	248	75844	39.17	ng	#	91
67) Hexachlorobenzene	10.47	284	72213	35.67	ng	#	75
68) Atrazine	10.59	200	74949	37.17	ng		83
69) Pentachlorophenol	10.66	266	72212	74.00	ng		97
70) Phenanthrene	10.87	178	419858	39.44	ng		97
71) Anthracene	10.91	178	370087	33.83	ng		97
72) Carbazole	11.08	167	415311	40.46	ng		96
73) Di-n-butylphthalate	11.44	149	507112	41.84	ng	#	99
74) Fluoranthene	12.03	202	418340	36.30	ng		91
76) Benzidine	12.18	184	232071	31.79	ng		98
77) Pyrene	12.26	202	490902	38.97	ng		98
79) Butylbenzylphthalate	12.91	149	209986	38.33	ng		93
80) Benzo(a)anthracene	13.44	228	394362	36.41	ng		97
81) 3,3'-Dichlorobenzidine	13.42	252	62769	17.18	ng	#	96
82) Chrysene	13.47	228	289975	29.87	ng		94
83) Bis(2-ethylhexyl)phthalate	13.47	149	263142	36.40	ng	#	88
84) Di-n-octyl phthalate	14.08	149	393090	33.02	ng		94
85) Indeno(1,2,3-cd)pyrene	15.83	276	227850	31.99	ng	#	85
87) Benzo(b)fluoranthene	14.43	252	337597m	42.87	ng		
88) Benzo(k)fluoranthene	14.46	252	258634m	39.58	ng		
89) Benzo(a)pyrene	14.71	252	249074	37.32	ng	#	87
90) Dibenzo(a,h)anthracene	15.84	278	197679	38.33	ng	#	77
91) Benzo(g,h,i)perylene	16.14	276	187405	38.08	ng	#	76

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

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