Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081422.D
Acq On : 4 Sep 2015 16:44
Operator : UM/IZ
Sample : PB85375BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85375BS

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:56:49 PM

Quant Time: Sep 07 01:23:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:02:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	66536	20.00	ng		0.00
21) Naphthalene-d8	7.64	136	232997	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	115304	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	237038	20.00	ng		0.00
75) Chrysene-d12	13.46	240	147663	20.00	ng		0.00
86) Perylene-d12	14.77	264	113394	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	392137	91.44	ng		0.01
7) Phenol-d6	6.03	99	503676	88.73	ng		0.00
23) Nitrobenzene-d5	6.94	82	327271	67.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	99927	97.33	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	484468	53.84	ng		-0.01
78) Terphenyl-d14	12.43	244	414071	65.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	50394	26.16	ng	#	91
3) Pyridine	2.31	79	119227	22.45	ng		93
4) n-Nitrosodimethylamine	2.26	42	93395	31.66	ng	#	76
6) Aniline	6.02	93	133041	16.60	ng	#	78
8) 2-Chlorophenol	6.15	128	145463	30.78	ng		87
9) Benzaldehyde	5.90	77	16580	4.66	ng	#	77
10) Phenol	6.04	94	195104	29.64	ng	#	53
11) bis(2-Chloroethyl)ether	6.11	93	150504	31.69	ng		90
12) 1,3-Dichlorobenzene	6.30	146	156225	30.94	ng	#	91
13) 1,4-Dichlorobenzene	6.38	146	154723	30.10	ng	#	88
14) 1,2-Dichlorobenzene	6.52	146	129829	28.05	ng	#	86
15) Benzyl Alcohol	6.52	79	134568	28.90	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.66	45	297649	32.70	ng	#	2
17) 2-Methylphenol	6.66	107	122559	32.50	ng	#	76
18) Hexachloroethane	6.87	117	59345	29.67	ng		92
19) n-Nitroso-di-n-propylamine	6.80	70	107716	27.88	ng	#	90
20) 3+4-Methylphenols	6.82	107	157053	30.89	ng		90
22) Acetophenone	6.79	105	214651	33.73	ng	#	76
24) Nitrobenzene	6.96	77	185372	36.96	ng	#	69
25) Isophorone	7.20	82	273512	30.45	ng	#	82
26) 2-Nitrophenol	7.28	139	69703	31.89	ng	#	60
27) 2,4-Dimethylphenol	7.34	122	109956	29.12	ng	#	75
28) bis(2-Chloroethoxy)methane	7.43	93	154745	29.82	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	103327	31.56	ng		97
30) 1,2,4-Trichlorobenzene	7.60	180	113322	31.86	ng		98
31) Naphthalene	7.67	128	352419	28.36	ng		98
32) Benzoic acid	7.48	122	58195	22.99	ng	#	59
33) 4-Chloroaniline	7.74	127	61906	12.21	ng	#	86
34) Hexachlorobutadiene	7.79	225	65999	30.49	ng		96
35) Caprolactam	8.11	113	32756m	32.62	ng		
36) 4-Chloro-3-methylphenol	8.25	107	122055	33.31	ng		85
37) 2-Methylnaphthalene	8.36	142	256867	31.77	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	97284	26.68	ng		98
40) Hexachlorocyclopentadiene	8.51	237	94166	52.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	70360	27.96	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	72612	28.28	ng	#	82
45) 1,1'-Biphenyl	8.83	154	303409	28.60	ng		96
46) 2-Chloronaphthalene	8.84	162	226287	29.54	ng	#	90
47) 2-Nitroaniline	8.96	65	88812	28.45	ng		87
48) Acenaphthylene	9.26	152	372286	27.39	ng		98
49) Dimethylphthalate	9.14	163	248621	27.75	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	50493	24.83	ng	#	17
51) Acenaphthene	9.43	154	219210	28.35	ng		90
52) 3-Nitroaniline	9.36	138	32684	14.12	ng	#	36
53) 2,4-Dinitrophenol	9.47	184	48270	56.36	ng	#	26
54) Dibenzofuran	9.60	168	349187	30.93	ng		92
55) 4-Nitrophenol	9.56	139	93906	64.57	ng	#	54
56) 2,4-Dinitrotoluene	9.60	165	73188	28.27	ng	#	29
57) Fluorene	9.93	166	260695	30.43	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	66219	33.78	ng		94
59) Diethylphthalate	9.84	149	290094	30.78	ng		96
60) 4-Chlorophenyl-phenylether	9.94	204	127902	32.03	ng		96
61) 4-Nitroaniline	9.98	138	69521	29.73	ng	#	45
62) Azobenzene	10.09	77	324947	31.02	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.00	198	33685	25.41	ng	#	27
65) n-Nitrosodiphenylamine	10.06	169	222267	25.77	ng		92
66) 4-Bromophenyl-phenylether	10.42	248	74539	31.10	ng		93
67) Hexachlorobenzene	10.48	284	71619	28.58	ng	#	76
68) Atrazine	10.59	200	66690	26.72	ng		83
69) Pentachlorophenol	10.67	266	68747	58.94	ng		97
70) Phenanthrene	10.88	178	384790	29.20	ng		97
71) Anthracene	10.92	178	351592	25.97	ng		98
72) Carbazole	11.10	167	368423	29.00	ng		97
73) Di-n-butylphthalate	11.45	149	453395	30.22	ng	#	98
74) Fluoranthene	12.05	202	362224	25.39	ng		92
76) Benzidine	12.19	184	105095	16.58	ng		98
77) Pyrene	12.27	202	406107	37.13	ng		98
79) Butylbenzylphthalate	12.93	149	154059	32.39	ng		94
80) Benzo(a)anthracene	13.45	228	291377	30.99	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	53401	16.84	ng	#	96
82) Chrysene	13.49	228	226866	26.91	ng		94
83) Bis(2-ethylhexyl)phthalate	13.49	149	170672	27.19	ng	#	87
84) Di-n-octyl phthalate	14.09	149	256659	24.83	ng		96
85) Indeno(1,2,3-cd)pyrene	15.84	276	224070	36.23	ng	#	88
87) Benzo(b)fluoranthene	14.45	252	282089m	34.84	ng		
88) Benzo(k)fluoranthene	14.47	252	141020m	20.99	ng		
89) Benzo(a)pyrene	14.72	252	211417	30.82	ng	#	86
90) Dibenzo(a,h)anthracene	15.85	278	185455	34.99	ng	#	82
91) Benzo(g,h,i)perylene	16.16	276	184217	36.41	ng	#	73

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

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