Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081421.D
Acq On : 4 Sep 2015 16:13
Operator : UM/IZ
Sample : PB85374BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85374BS

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:56:44 PM

Quant Time: Sep 07 01:21:25 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	66277	20.00	ng		0.00
21) Naphthalene-d8	7.66	136	260630	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	118933	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	248115	20.00	ng		0.00
75) Chrysene-d12	13.46	240	175050	20.00	ng		0.00
86) Perylene-d12	14.77	264	116069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	442414	103.57	ng		0.01
7) Phenol-d6	6.03	99	626206	110.75	ng		0.00
23) Nitrobenzene-d5	6.94	82	381436	70.61	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	133723	126.27	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	590700	63.65	ng		-0.01
78) Terphenyl-d14	12.44	244	627031	83.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	47192	24.60	ng	#	90
3) Pyridine	2.28	79	159124	30.08	ng		91
4) n-Nitrosodimethylamine	2.25	42	101548	34.55	ng		79
6) Aniline	6.02	93	202841	25.40	ng	#	83
8) 2-Chlorophenol	6.15	128	171265	36.38	ng		86
9) Benzaldehyde	5.90	77	17320	4.89	ng	#	80
10) Phenol	6.04	94	187633	28.61	ng	#	33
11) bis(2-Chloroethyl)ether	6.11	93	159676	33.75	ng		88
12) 1,3-Dichlorobenzene	6.30	146	162982	32.41	ng	#	91
13) 1,4-Dichlorobenzene	6.38	146	163198	31.87	ng	#	88
14) 1,2-Dichlorobenzene	6.54	146	143262	31.07	ng		98
15) Benzyl Alcohol	6.52	79	150796	32.51	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	333938	36.82	ng		83
17) 2-Methylphenol	6.66	107	133761	35.61	ng	#	76
18) Hexachloroethane	6.87	117	63108	31.68	ng		94
19) n-Nitroso-di-n-propylamine	6.81	70	129523	33.66	ng	#	81
20) 3+4-Methylphenols	6.82	107	174003	34.36	ng		89
22) Acetophenone	6.79	105	229731	32.27	ng	#	75
24) Nitrobenzene	6.96	77	201489	35.92	ng	#	65
25) Isophorone	7.21	82	335794	33.42	ng	#	86
26) 2-Nitrophenol	7.28	139	87568	35.81	ng	#	55
27) 2,4-Dimethylphenol	7.35	122	146501	34.69	ng	#	84
28) bis(2-Chloroethoxy)methane	7.43	93	189361	32.63	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	132532	36.19	ng		95
30) 1,2,4-Trichlorobenzene	7.60	180	135447	34.05	ng		98
31) Naphthalene	7.67	128	428569	30.83	ng		98
32) Benzoic acid	7.48	122	77294	26.82	ng	#	61
33) 4-Chloroaniline	7.74	127	132634	23.39	ng	#	81
34) Hexachlorobutadiene	7.80	225	81632	33.72	ng		99
35) Caprolactam	8.11	113	44138m	39.30	ng		
36) 4-Chloro-3-methylphenol	8.25	107	149507	36.47	ng	#	82
37) 2-Methylnaphthalene	8.36	142	298563	33.01	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	116492	30.97	ng		99
40) Hexachlorocyclopentadiene	8.52	237	115727	62.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	80903	31.17	ng		100
43) 2,4,5-Trichlorophenol	8.71	196	87705	33.12	ng	#	94
45) 1,1'-Biphenyl	8.83	154	350886	32.07	ng		94
46) 2-Chloronaphthalene	8.84	162	253460	32.08	ng	#	90
47) 2-Nitroaniline	8.96	65	115338	35.81	ng	#	73
48) Acenaphthylene	9.26	152	440610	31.43	ng		97
49) Dimethylphthalate	9.15	163	318963	34.52	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	60100	28.66	ng	#	4
51) Acenaphthene	9.43	154	266252	33.39	ng		91
52) 3-Nitroaniline	9.37	138	62223	26.06	ng	#	77
53) 2,4-Dinitrophenol	9.47	184	53238	60.27	ng	#	1
54) Dibenzofuran	9.60	168	407501	35.00	ng	#	90
55) 4-Nitrophenol	9.56	139	97134m	64.76	ng		
56) 2,4-Dinitrotoluene	9.60	165	80343	30.09	ng	#	6
57) Fluorene	9.93	166	278868	31.56	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	75986	37.58	ng		94
59) Diethylphthalate	9.84	149	304675	31.35	ng		94
60) 4-Chlorophenyl-phenylether	9.94	204	148677	36.10	ng		98
61) 4-Nitroaniline	9.98	138	68380	28.35	ng	#	22
62) Azobenzene	10.09	77	358214	33.15	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	45254	32.61	ng		86
65) n-Nitrosodiphenylamine	10.07	169	261684	28.98	ng		90
66) 4-Bromophenyl-phenylether	10.42	248	91182	36.35	ng		97
67) Hexachlorobenzene	10.48	284	91093	34.73	ng	#	80
68) Atrazine	10.60	200	97743	37.41	ng		82
69) Pentachlorophenol	10.67	266	86483	69.07	ng		98
70) Phenanthrene	10.88	178	444376	32.22	ng		96
71) Anthracene	10.94	178	490408	34.61	ng		99
72) Carbazole	11.10	167	455999	34.29	ng		96
73) Di-n-butylphthalate	11.45	149	544214	34.66	ng	#	98
74) Fluoranthene	12.06	202	487838	32.67	ng		85
76) Benzidine	12.19	184	210067	27.95	ng		97
77) Pyrene	12.27	202	497534	38.37	ng		98
79) Butylbenzylphthalate	12.93	149	215541	38.22	ng	#	83
80) Benzo(a)anthracene	13.45	228	376609	33.78	ng		96
81) 3,3'-Dichlorobenzidine	13.43	252	93428	24.85	ng	#	94
82) Chrysene	13.49	228	318755	31.90	ng		94
83) Bis(2-ethylhexyl)phthalate	13.50	149	268262	36.05	ng	#	93
84) Di-n-octyl phthalate	14.10	149	387995	31.66	ng		98
85) Indeno(1,2,3-cd)pyrene	15.84	276	266408	36.34	ng	#	89
87) Benzo(b)fluoranthene	14.45	252	323194m	39.00	ng		
88) Benzo(k)fluoranthene	14.47	252	240103m	34.92	ng		
89) Benzo(a)pyrene	14.72	252	251634	35.84	ng	#	87
90) Dibenzo(a,h)anthracene	15.85	278	222341	40.98	ng	#	83
91) Benzo(g,h,i)perylene	16.16	276	225661	43.58	ng	#	77

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

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