Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079937.D
Acq On : 12 Jun 2015 15:53
Operator : TP/IZ
Sample : PB83970BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83970BS

Manual Integrations APPROVED
apatel
6/15/2015 12:43:22 PM

Quant Time: Jun 12 23:22:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	49328	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	192312	20.00	ng		0.00
38) Acenaphthene-d10	10.45	164	106169	20.00	ng		0.00
63) Phenanthrene-d10	11.95	188	220328	20.00	ng		-0.02
75) Chrysene-d12	14.96	240	250374	20.00	ng		-0.18
86) Perylene-d12	16.88	264	234825	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	325652	121.05	ng		0.00
7) Phenol-d6	6.97	99	413939	112.94	ng		0.00
23) Nitrobenzene-d5	7.93	82	241758	82.94	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	107553	101.25	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	532817	70.27	ng		0.00
78) Terphenyl-d14	13.67	244	708665	65.26	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	36459	29.79	ng		94
3) Pyridine	4.11	79	112048	35.73	ng		99
4) n-Nitrosodimethylamine	4.02	42	57278	37.06	ng	#	96
6) Aniline	7.03	93	105889	19.96	ng		95
8) 2-Chlorophenol	7.16	128	112321	34.35	ng		89
9) Benzaldehyde	6.92	77	76187	36.16	ng		84
10) Phenol	6.99	94	139143	34.52	ng		93
11) bis(2-Chloroethyl)ether	7.10	93	106902	32.96	ng		92
12) 1,3-Dichlorobenzene	7.32	146	133592m	35.03	ng		
13) 1,4-Dichlorobenzene	7.39	146	139185	35.13	ng		95
14) 1,2-Dichlorobenzene	7.55	146	134909	38.34	ng		93
15) Benzyl Alcohol	7.50	79	103862	35.34	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.64	45	183328	38.16	ng		96
17) 2-Methylphenol	7.60	107	93328	32.67	ng		96
18) Hexachloroethane	7.90	117	38948	31.75	ng	#	82
19) n-Nitroso-di-n-propylamine	7.77	70	85019	32.47	ng	#	90
20) 3+4-Methylphenols	7.76	107	131409	36.00	ng		97
22) Acetophenone	7.77	105	159382	35.09	ng	#	89
24) Nitrobenzene	7.95	77	124427	40.13	ng	#	84
25) Isophorone	8.19	82	219801	32.40	ng	#	90
26) 2-Nitrophenol	8.27	139	44282	41.06	ng	#	83
27) 2,4-Dimethylphenol	8.30	122	112002	36.84	ng		96
28) bis(2-Chloroethoxy)methane	8.39	93	137513	34.14	ng		98
29) 2,4-Dichlorophenol	8.51	162	107294	42.14	ng		89
30) 1,2,4-Trichlorobenzene	8.60	180	113565	35.10	ng		97
31) Naphthalene	8.70	128	341863	32.52	ng		99
32) Benzoic acid	8.34	122	39453m	35.86	ng		
33) 4-Chloroaniline	8.73	127	72660	17.81	ng	#	90
34) Hexachlorobutadiene	8.81	225	69858	38.89	ng		97
35) Caprolactam	9.06	113	32763	40.69	ng		90
36) 4-Chloro-3-methylphenol	9.19	107	100999	34.72	ng	#	85
37) 2-Methylnaphthalene	9.38	142	237562	33.45	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	114750	32.27	ng		98
40) Hexachlorocyclopentadiene	9.54	237	97276	66.71	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	76701	35.01	ng		98
43) 2,4,5-Trichlorophenol	9.69	196	75835	31.36	ng	#	88
45) 1,1'-Biphenyl	9.85	154	312297	36.35	ng		95
46) 2-Chloronaphthalene	9.88	162	227699	31.13	ng	#	92
47) 2-Nitroaniline	9.96	65	53249	35.15	ng	#	60
48) Acenaphthylene	10.31	152	375199	30.38	ng		98
49) Dimethylphthalate	10.14	163	291069	34.22	ng		98
50) 2,6-Dinitrotoluene	10.20	165	47463	31.64	ng	#	64
51) Acenaphthene	10.48	154	237254	33.80	ng		94
52) 3-Nitroaniline	10.38	138	39851	22.70	ng	#	69
53) 2,4-Dinitrophenol	10.48	184	24736	78.09	ng	#	1
54) Dibenzofuran	10.65	168	356964	34.81	ng		91
55) 4-Nitrophenol	10.51	139	103213	76.15	ng	#	79
56) 2,4-Dinitrotoluene	10.61	165	65539	33.44	ng	#	63
57) Fluorene	10.99	166	282029	31.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.77	232	69378	37.85	ng		93
59) Diethylphthalate	10.85	149	276081	32.46	ng		94
60) 4-Chlorophenyl-phenylether	10.98	204	136639	34.23	ng	#	82
61) 4-Nitroaniline	10.98	138	53825	28.51	ng		87
62) Azobenzene	11.14	77	269133	32.89	ng		85
64) 4,6-Dinitro-2-methylphenol	11.02	198	16580	36.62	ng	#	37
65) n-Nitrosodiphenylamine	11.10	169	234635	32.99	ng		99
66) 4-Bromophenyl-phenylether	11.47	248	81048	32.83	ng	#	83
67) Hexachlorobenzene	11.55	284	86829	32.24	ng	#	78
68) Atrazine	11.61	200	81027	37.01	ng		96
69) Pentachlorophenol	11.75	266	87280	70.18	ng		95
70) Phenanthrene	11.98	178	439182	33.45	ng		100
71) Anthracene	12.03	178	466806	36.74	ng		99
72) Carbazole	12.18	167	411837	33.42	ng		99
73) Di-n-butylphthalate	12.51	149	496056	36.95	ng		100
74) Fluoranthene	13.26	202	485093	33.42	ng		97
76) Benzidine	13.37	184	246703	35.58	ng		99
77) Pyrene	13.52	202	500590	31.83	ng		99
79) Butylbenzylphthalate	14.22	149	202136	38.07	ng	#	85
80) Benzo(a)anthracene	14.95	228	491169	30.89	ng		100
81) 3,3'-Dichlorobenzidine	14.89	252	75731	14.90	ng		99
82) Chrysene	14.99	228	459681	32.35	ng		99
83) Bis(2-ethylhexyl)phthalate	14.93	149	317995	37.42	ng		100
84) Di-n-octyl phthalate	15.75	149	539401	38.92	ng		98
85) Indeno(1,2,3-cd)pyrene	18.78	276	524931	31.53	ng		99
87) Benzo(b)fluoranthene	16.32	252	474503m	32.98	ng		
88) Benzo(k)fluoranthene	16.37	252	475511	32.40	ng		98
89) Benzo(a)pyrene	16.80	252	465281	34.00	ng		97
90) Dibenzo(a,h)anthracene	18.80	278	439588	32.68	ng		97
91) Benzo(g,h,i)perylene	19.35	276	445544	32.01	ng		100

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

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