Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075519.D
Acq On : 15 Nov 2014 3:09
Operator : TP / JJ
Sample : PB80238BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80238BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:35:21 PM

Quant Time: Nov 16 04:23:47 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	44333	20.00	ng		-0.03
21) Naphthalene-d8	9.13	136	190855	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	96432	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	163596	20.00	ng		-0.03
75) Chrysene-d12	16.46	240	178143	20.00	ng		-0.08
86) Perylene-d12	18.23	264	174580	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	399200	159.08	ng		-0.02
7) Phenol-d6	7.09	99	482776	159.98	ng		-0.02
23) Nitrobenzene-d5	8.24	82	276664	106.28	ng		-0.02
41) 2,4,6-Tribromophenol	12.29	330	111208	137.69	ng		-0.03
44) 2-Fluorobiphenyl	10.47	172	526026	98.57	ng		-0.02
78) Terphenyl-d14	15.16	244	559596	84.57	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	48085	45.64	ng		97
3) Pyridine	3.27	79	123037m	43.46	ng		
4) n-Nitrosodimethylamine	3.19	42	69667m	46.49	ng		
6) Aniline	7.13	93	119630	27.45	ng		100
8) 2-Chlorophenol	7.28	128	129911	44.73	ng		95
9) Benzaldehyde	7.00	77	4407	2.17	ng		94
10) Phenol	7.11	94	177705	48.27	ng		85
11) bis(2-Chloroethyl)ether	7.24	93	137031	49.14	ng	#	80
12) 1,3-Dichlorobenzene	7.48	146	142498	45.02	ng		97
13) 1,4-Dichlorobenzene	7.57	146	143139	44.45	ng		99
14) 1,2-Dichlorobenzene	7.75	146	134048	44.40	ng		98
15) Benzyl Alcohol	7.73	79	100350	42.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.90	45	267404	46.33	ng		98
17) 2-Methylphenol	7.86	107	113057	47.02	ng		96
18) Hexachloroethane	8.17	117	49580	44.90	ng		91
19) n-Nitroso-di-n-propylamine	8.06	70	95116	46.26	ng		93
20) 3+4-Methylphenols	8.05	107	143733	45.65	ng	#	84
22) Acetophenone	8.06	105	191952	46.62	ng		98
24) Nitrobenzene	8.26	77	148653	49.27	ng		98
25) Isophorone	8.56	82	266017	44.76	ng		98
26) 2-Nitrophenol	8.65	139	62903	45.76	ng		95
27) 2,4-Dimethylphenol	8.71	122	123164	46.23	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	175863	48.55	ng		99
29) 2,4-Dichlorophenol	8.95	162	108336	46.42	ng		96
30) 1,2,4-Trichlorobenzene	9.06	180	107557	43.89	ng		98
31) Naphthalene	9.16	128	414787	48.75	ng		99
32) Benzoic acid	8.79	122	83806m	52.06	ng		
33) 4-Chloroaniline	9.22	127	82508	22.32	ng		99
34) Hexachlorobutadiene	9.32	225	56372	42.56	ng		96
35) Caprolactam	9.64	113	34702	44.86	ng		95
36) 4-Chloro-3-methylphenol	9.82	107	111111	43.39	ng		92
37) 2-Methylnaphthalene	10.01	142	257795	44.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	95300	48.08	ng		98
40) Hexachlorocyclopentadiene	10.21	237	121748	101.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	67198	42.63	ng		98
43) 2,4,5-Trichlorophenol	10.40	196	71605	43.61	ng	#	81
45) 1,1'-Biphenyl	10.60	154	309444	47.57	ng		99
46) 2-Chloronaphthalene	10.62	162	246633	48.49	ng		99
47) 2-Nitroaniline	10.75	65	77744	50.80	ng	#	82
48) Acenaphthylene	11.13	152	403961	48.17	ng		98
49) Dimethylphthalate	10.99	163	285653	43.33	ng		99
50) 2,6-Dinitrotoluene	11.05	165	62276	47.96	ng	#	78
51) Acenaphthene	11.35	154	261957	51.75	ng		99
52) 3-Nitroaniline	11.26	138	53744	35.10	ng	#	82
53) 2,4-Dinitrophenol	11.39	184	57337	79.17	ng	#	78
54) Dibenzofuran	11.57	168	344601	47.64	ng		94
55) 4-Nitrophenol	11.45	139	113832	93.01	ng		92
56) 2,4-Dinitrotoluene	11.56	165	82487	48.36	ng		91
57) Fluorene	11.99	166	278073	47.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	60264	46.25	ng	#	95
59) Diethylphthalate	11.87	149	286027	41.81	ng		96
60) 4-Chlorophenyl-phenylether	12.00	204	118530	47.12	ng	#	84
61) 4-Nitroaniline	12.01	138	73442	47.99	ng		79
62) Azobenzene	12.20	77	284277	47.24	ng		89
64) 4,6-Dinitro-2-methylphenol	12.05	198	35335	42.70	ng	#	60
65) n-Nitrosodiphenylamine	12.14	169	227447	43.95	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	73669	47.86	ng	#	91
67) Hexachlorobenzene	12.68	284	79564	45.52	ng	#	81
68) Atrazine	12.81	200	71465	44.50	ng		96
69) Pentachlorophenol	12.92	266	95293	86.87	ng		98
70) Phenanthrene	13.19	178	417077	48.44	ng		100
71) Anthracene	13.25	178	418665	47.04	ng		99
72) Carbazole	13.45	167	399600	45.89	ng		99
73) Di-n-butylphthalate	13.90	149	489471	40.69	ng		100
74) Fluoranthene	14.67	202	441604	47.89	ng		97
76) Benzidine	14.85	184	194026m	34.25	ng		
77) Pyrene	14.95	202	451006m	43.55	ng		
79) Butylbenzylphthalate	15.76	149	219325	37.71	ng	#	76
80) Benzo(a)anthracene	16.45	228	422493	45.14	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	77767	22.51	ng		99
82) Chrysene	16.49	228	385711	47.65	ng		99
83) Bis(2-ethylhexyl)phthalate	16.49	149	328277	35.83	ng		100
84) Di-n-octyl phthalate	17.29	149	583598m	36.19	ng		
85) Indeno(1,2,3-cd)pyrene	19.80	276	516685m	52.62	ng		
87) Benzo(b)fluoranthene	17.77	252	434421	46.54	ng	#	96
88) Benzo(k)fluoranthene	17.81	252	434687m	51.89	ng		
89) Benzo(a)pyrene	18.16	252	428728	51.33	ng		98
90) Dibenzo(a,h)anthracene	19.83	278	450102	51.61	ng	#	96
91) Benzo(g,h,i)perylene	20.27	276	446996	53.79	ng		99

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

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