Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082322.D
Acq On : 16 Oct 2015 13:17
Operator : UM/IZ
Sample : PB86109BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86109BS

Manual Integrations APPROVED
MMdadoda
10/19/2015 5:32:04 PM

Quant Time: Oct 17 01:21:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 17 01:08:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69683	20.00	ng		0.01
21) Naphthalene-d8	8.14	136	276897	20.00	ng		0.01
38) Acenaphthene-d10	9.90	164	143855	20.00	ng		0.01
63) Phenanthrene-d10	11.38	188	303278	20.00	ng		0.01
75) Chrysene-d12	14.09	240	303002	20.00	ng		0.02
86) Perylene-d12	15.66	264	264516	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	406302	117.68	ng		0.02
7) Phenol-d6	6.49	99	531217	118.23	ng		0.01
23) Nitrobenzene-d5	7.42	82	328192	79.60	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	168790	125.11	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	673583	77.65	ng		0.00
78) Terphenyl-d14	12.97	244	934822	81.76	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	49489	28.53	ng		92
3) Pyridine	3.19	79	136407	33.81	ng		98
4) n-Nitrosodimethylamine	3.13	42	59018	34.49	ng		95
6) Aniline	6.51	93	141549	24.43	ng	#	82
8) 2-Chlorophenol	6.64	128	157055	37.26	ng		98
9) Benzaldehyde	6.40	77	62545	27.26	ng		94
10) Phenol	6.50	94	177446	34.25	ng		86
11) bis(2-Chloroethyl)ether	6.58	93	144565	33.00	ng		90
12) 1,3-Dichlorobenzene	6.79	146	183935	37.47	ng		97
13) 1,4-Dichlorobenzene	6.87	146	183056	35.71	ng		97
14) 1,2-Dichlorobenzene	7.02	146	174701	35.89	ng		97
15) Benzyl Alcohol	6.99	79	123741	39.89	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	226109	37.06	ng		98
17) 2-Methylphenol	7.12	107	126241	37.88	ng		97
18) Hexachloroethane	7.36	117	62450	35.59	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	115346	36.56	ng		95
20) 3+4-Methylphenols	7.27	107	165166	41.58	ng	#	85
22) Acetophenone	7.27	105	216443	39.52	ng	#	96
24) Nitrobenzene	7.44	77	168245	37.70	ng		90
25) Isophorone	7.68	82	306197	36.79	ng	#	93
26) 2-Nitrophenol	7.76	139	83143	37.31	ng	#	89
27) 2,4-Dimethylphenol	7.79	122	144524	40.25	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	175176	36.18	ng		97
29) 2,4-Dichlorophenol	8.00	162	155037	43.20	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	155487	37.58	ng		98
31) Naphthalene	8.16	128	485977	40.49	ng		100
32) Benzoic acid	7.92	122	95532	39.64	ng		96
33) 4-Chloroaniline	8.22	127	72241	14.49	ng		95
34) Hexachlorobutadiene	8.27	225	94957	36.84	ng		97
35) Caprolactam	8.58	113	47269	45.38	ng	#	78
36) 4-Chloro-3-methylphenol	8.71	107	155949	44.43	ng	#	84
37) 2-Methylnaphthalene	8.85	142	311018	37.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	170228	39.78	ng		97
40) Hexachlorocyclopentadiene	8.99	237	109885	53.79	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	110030	38.72	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	125906	40.90	ng	#	95
45) 1,1'-Biphenyl	9.31	154	422412	38.51	ng		98
46) 2-Chloronaphthalene	9.34	162	315829	36.57	ng	#	93
47) 2-Nitroaniline	9.44	65	96388	40.66	ng		99
48) Acenaphthylene	9.76	152	549089	40.82	ng		99
49) Dimethylphthalate	9.62	163	416827	41.15	ng		98
50) 2,6-Dinitrotoluene	9.68	165	82675	38.68	ng	#	65
51) Acenaphthene	9.93	154	314437	38.94	ng		98
52) 3-Nitroaniline	9.85	138	53953	22.35	ng	#	78
53) 2,4-Dinitrophenol	9.97	184	104478	86.88	ng		96
54) Dibenzofuran	10.10	168	496597	44.79	ng		96
55) 4-Nitrophenol	10.03	139	128762	77.97	ng		94
56) 2,4-Dinitrotoluene	10.09	165	132949	49.77	ng		90
57) Fluorene	10.45	166	404239	44.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	105109	41.79	ng		98
59) Diethylphthalate	10.32	149	428139	45.34	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	186123	44.62	ng		92
61) 4-Nitroaniline	10.47	138	99342	42.42	ng		89
62) Azobenzene	10.59	77	409069	44.26	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	67619	39.73	ng		87
65) n-Nitrosodiphenylamine	10.56	169	357497	39.37	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	120395	39.67	ng	#	91
67) Hexachlorobenzene	10.98	284	123768	37.71	ng	#	63
68) Atrazine	11.09	200	122434	42.56	ng		98
69) Pentachlorophenol	11.19	266	144885	85.78	ng		98
70) Phenanthrene	11.41	178	635883	42.78	ng		99
71) Anthracene	11.46	178	628286	41.02	ng		99
72) Carbazole	11.61	167	573877	41.07	ng		100
73) Di-n-butylphthalate	11.94	149	707206	41.02	ng		99
74) Fluoranthene	12.60	202	677892	42.46	ng		99
76) Benzidine	12.72	184	201670	22.97	ng		99
77) Pyrene	12.82	202	667240	37.11	ng		98
79) Butylbenzylphthalate	13.46	149	311248	37.93	ng	#	84
80) Benzo(a)anthracene	14.07	228	631796	40.08	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	161855	27.05	ng		99
82) Chrysene	14.12	228	626430	37.71	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	412498	35.23	ng	#	97
84) Di-n-octyl phthalate	14.77	149	708982	35.26	ng		99
85) Indeno(1,2,3-cd)pyrene	17.12	276	553747	41.94	ng		100
87) Benzo(b)fluoranthene	15.24	252	712655m	44.28	ng		
88) Benzo(k)fluoranthene	15.27	252	456593m	33.76	ng		
89) Benzo(a)pyrene	15.60	252	564357	40.81	ng		99
90) Dibenzo(a,h)anthracene	17.13	278	468686	41.35	ng		98
91) Benzo(g,h,i)perylene	17.56	276	468582	42.56	ng		99

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

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