Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075513.D
Acq On : 15 Nov 2014 00:20
Operator : TP / JJ
Sample : PB79309BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB79309BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:34:48 PM

Quant Time: Nov 16 04:18:53 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	7.56	152	88808	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	402603	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	213323	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	347909	20.00	ng		-0.03
75) Chrysene-d12	16.46	240	366111	20.00	ng		-0.08
86) Perylene-d12	18.19	264	371039	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	420369	83.62	ng		-0.02
7) Phenol-d6	7.10	99	530080	87.69	ng		-0.01
23) Nitrobenzene-d5	8.24	82	261442	47.61	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	121721	68.12	ng		-0.02
44) 2-Fluorobiphenyl	10.47	172	509059	43.12	ng		-0.02
78) Terphenyl-d14	15.16	244	556079	40.89	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	47101	22.32	ng		95
3) Pyridine	3.28	79	110939m	19.56	ng		
4) n-Nitrosodimethylamine	3.19	42	68896m	22.95	ng		
6) Aniline	7.13	93	132771	15.21	ng		100
8) 2-Chlorophenol	7.28	128	144832	24.89	ng		95
10) Phenol	7.11	94	198709	26.95	ng		85
11) bis(2-Chloroethyl)ether	7.24	93	133450	23.89	ng	#	81
12) 1,3-Dichlorobenzene	7.48	146	142321	22.45	ng		97
13) 1,4-Dichlorobenzene	7.57	146	141040	21.87	ng		97
14) 1,2-Dichlorobenzene	7.76	146	141246	23.35	ng	#	90
15) Benzyl Alcohol	7.73	79	114406	24.11	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.91	45	279747	24.19	ng		94
17) 2-Methylphenol	7.86	107	121849	25.30	ng		95
18) Hexachloroethane	8.17	117	48698	22.02	ng		98
19) n-Nitroso-di-n-propylamine	8.06	70	99798	24.23	ng		92
20) 3+4-Methylphenols	8.06	107	152511	24.18	ng		89
22) Acetophenone	8.06	105	194957	22.45	ng		96
24) Nitrobenzene	8.26	77	147009	23.10	ng		100
25) Isophorone	8.56	82	262771	20.96	ng		99
26) 2-Nitrophenol	8.65	139	64846	22.36	ng		96
27) 2,4-Dimethylphenol	8.71	122	133383	23.73	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	170982	22.38	ng		99
29) 2,4-Dichlorophenol	8.95	162	116647	23.69	ng		97
30) 1,2,4-Trichlorobenzene	9.06	180	108426	20.97	ng		96
31) Naphthalene	9.16	128	410302	22.86	ng		99
32) Benzoic acid	8.79	122	88477m	26.06	ng		
33) 4-Chloroaniline	9.22	127	115135	14.76	ng		98
34) Hexachlorobutadiene	9.32	225	55400	19.83	ng		97
35) Caprolactam	9.64	113	35080	21.50	ng		97
36) 4-Chloro-3-methylphenol	9.82	107	123238	22.81	ng		94
37) 2-Methylnaphthalene	10.01	142	270786	22.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	97589	22.25	ng		98
40) Hexachlorocyclopentadiene	10.21	237	101736	38.19	ng		96
42) 2,4,6-Trichlorophenol	10.37	196	73200	20.99	ng		96

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Quant Time: Nov 16 04:18:53 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)
43) 2,4,5-Trichlorophenol	10.40	196	78071	21.50	ng	#	78
45) 1,1'-Biphenyl	10.60	154	309875	21.53	ng		98
46) 2-Chloronaphthalene	10.62	162	252367	22.43	ng		98
47) 2-Nitroaniline	10.74	65	81610	24.11	ng	#	83
48) Acenaphthylene	11.13	152	414151	22.33	ng		99
49) Dimethylphthalate	10.98	163	285282	19.56	ng		99
50) 2,6-Dinitrotoluene	11.05	165	60295	20.99	ng	#	79
51) Acenaphthene	11.35	154	266585	23.81	ng		99
52) 3-Nitroaniline	11.26	138	65526	19.35	ng	#	85
53) 2,4-Dinitrophenol	11.38	184	52712	41.58	ng		86
54) Dibenzofuran	11.57	168	350584	21.91	ng		95
55) 4-Nitrophenol	11.45	139	118375	43.72	ng		91
56) 2,4-Dinitrotoluene	11.54	165	83454	22.12	ng	#	62
57) Fluorene	11.99	166	282485	21.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	62837	21.80	ng		96
59) Diethylphthalate	11.86	149	283219	18.72	ng		96
60) 4-Chlorophenyl-phenylether	12.00	204	120313	21.62	ng	#	86
61) 4-Nitroaniline	12.01	138	75348	22.25	ng		84
62) Azobenzene	12.20	77	293020	22.01	ng		89
64) 4,6-Dinitro-2-methylphenol	12.05	198	37162	21.12	ng	#	50
65) n-Nitrosodiphenylamine	12.14	169	239010	21.72	ng		98
66) 4-Bromophenyl-phenylether	12.61	248	70048	21.40	ng	#	85
67) Hexachlorobenzene	12.68	284	80859	21.75	ng	#	81
68) Atrazine	12.81	200	69668	20.40	ng		95
69) Pentachlorophenol	12.92	266	95820	41.07	ng		99
70) Phenanthrene	13.19	178	426034	23.27	ng		99
71) Anthracene	13.26	178	426088	22.51	ng		99
72) Carbazole	13.45	167	422981	22.84	ng		99
73) Di-n-butylphthalate	13.90	149	491155	19.20	ng		100
74) Fluoranthene	14.67	202	443123	22.60	ng		99
76) Benzidine	14.84	184	167781m	14.41	ng		
77) Pyrene	14.95	202	461294m	21.67	ng		
79) Butylbenzylphthalate	15.76	149	213607	17.87	ng	#	81
80) Benzo(a)anthracene	16.44	228	421296	21.90	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	91009	12.82	ng	#	93
82) Chrysene	16.48	228	380200	22.86	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	316862	16.83	ng		98
84) Di-n-octyl phthalate	17.26	149	565303m	17.06	ng		
85) Indeno(1,2,3-cd)pyrene	19.74	276	509112m	25.23	ng		
87) Benzo(b)fluoranthene	17.72	252	464336	23.41	ng		98
88) Benzo(k)fluoranthene	17.75	252	413561m	23.23	ng		
89) Benzo(a)pyrene	18.12	252	431787	24.33	ng	#	97
90) Dibenzo(a,h)anthracene	19.77	278	433871	23.41	ng		98
91) Benzo(g,h,i)perylene	20.21	276	432732	24.50	ng		98

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

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