Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075514.D
Acq On : 15 Nov 2014 00:49
Operator : TP / JJ
Sample : PB80189BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80189BS

Manual Integrations APPROVED
mohammad
11/17/2014 7:34:58 PM

Quant Time: Nov 17 11:17:09 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	53721	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	230546	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	120348	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	197023	20.00	ng		-0.03
75) Chrysene-d12	16.45	240	199704	20.00	ng		-0.09
86) Perylene-d12	18.17	264	187491	20.00	ng		-0.26
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	253856	83.48	ng		-0.02
7) Phenol-d6	7.09	99	307202	84.01	ng		-0.02
23) Nitrobenzene-d5	8.24	82	290254	92.30	ng		-0.02
41) 2,4,6-Tribromophenol	12.29	330	76439	75.83	ng		-0.03
44) 2-Fluorobiphenyl	10.48	172	572924	86.02	ng		-0.01
78) Terphenyl-d14	15.16	244	640750m	86.38	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	51674	40.48	ng		93
3) Pyridine	3.28	79	120546m	35.14	ng		
4) n-Nitrosodimethylamine	3.19	42	79056m	43.54	ng		
6) Aniline	7.13	93	100988	19.12	ng		99
8) 2-Chlorophenol	7.28	128	142927	40.61	ng		96
10) Phenol	7.11	94	190832	42.78	ng		86
11) bis(2-Chloroethyl)ether	7.24	93	147765	43.73	ng	#	82
12) 1,3-Dichlorobenzene	7.48	146	155262	40.48	ng		96
13) 1,4-Dichlorobenzene	7.57	146	150823	38.65	ng		99
14) 1,2-Dichlorobenzene	7.76	146	145862	39.87	ng	#	91
15) Benzyl Alcohol	7.73	79	118301	41.21	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.91	45	291722	41.71	ng		93
17) 2-Methylphenol	7.86	107	120988	41.52	ng		96
18) Hexachloroethane	8.17	117	57300	42.83	ng		99
19) n-Nitroso-di-n-propylamine	8.06	70	105619	42.39	ng		94
20) 3+4-Methylphenols	8.06	107	156350	40.98	ng		90
22) Acetophenone	8.06	105	211517	42.53	ng		97
24) Nitrobenzene	8.26	77	160877	44.15	ng		99
25) Isophorone	8.56	82	305267	42.52	ng		98
26) 2-Nitrophenol	8.65	139	69755	42.01	ng		97
27) 2,4-Dimethylphenol	8.71	122	136151	42.31	ng		99
28) bis(2-Chloroethoxy)methane	8.84	93	194643	44.49	ng		98
29) 2,4-Dichlorophenol	8.95	162	117592	41.71	ng		98
30) 1,2,4-Trichlorobenzene	9.06	180	114587	38.70	ng		99
31) Naphthalene	9.16	128	444732	43.27	ng		100
32) Benzoic acid	8.80	122	94454m	48.57	ng		
33) 4-Chloroaniline	9.22	127	88538	19.83	ng		98
34) Hexachlorobutadiene	9.32	225	60367	37.73	ng		98
35) Caprolactam	9.64	113	40639	43.49	ng		90
36) 4-Chloro-3-methylphenol	9.82	107	123989	40.08	ng		91
37) 2-Methylnaphthalene	10.01	142	287082	40.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	108251	43.76	ng		98
40) Hexachlorocyclopentadiene	10.21	237	129623	86.26	ng		98
42) 2,4,6-Trichlorophenol	10.37	196	77244	39.26	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.41	196	81506	39.78	ng		95
45) 1,1'-Biphenyl	10.60	154	339548	41.83	ng		99
46) 2-Chloronaphthalene	10.62	162	272762	42.97	ng		98
47) 2-Nitroaniline	10.74	65	87713	45.93	ng	#	85
48) Acenaphthylene	11.13	152	460563	44.01	ng		99
49) Dimethylphthalate	10.98	163	334690	40.68	ng		99
50) 2,6-Dinitrotoluene	11.05	165	70375	43.43	ng	#	82
51) Acenaphthene	11.35	154	290514	45.99	ng		99
52) 3-Nitroaniline	11.26	138	50903	26.64	ng	#	81
53) 2,4-Dinitrophenol	11.38	184	61243	70.97	ng	#	78
54) Dibenzofuran	11.57	168	382091	42.32	ng		95
55) 4-Nitrophenol	11.45	139	131035	85.79	ng		90
56) 2,4-Dinitrotoluene	11.56	165	95294	44.76	ng		90
57) Fluorene	11.99	166	308252	42.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	68665	42.22	ng	#	95
59) Diethylphthalate	11.86	149	329043	38.54	ng		94
60) 4-Chlorophenyl-phenylether	12.00	204	135720	43.23	ng	#	84
61) 4-Nitroaniline	12.01	138	79307	41.52	ng		82
62) Azobenzene	12.20	77	323114	43.02	ng		87
64) 4,6-Dinitro-2-methylphenol	12.05	198	40681	40.82	ng	#	54
65) n-Nitrosodiphenylamine	12.14	169	259175	41.59	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	82136	44.31	ng	#	89
67) Hexachlorobenzene	12.67	284	92204	43.80	ng	#	81
68) Atrazine	12.81	200	79058	40.88	ng		96
69) Pentachlorophenol	12.92	266	108551	82.16	ng		97
70) Phenanthrene	13.19	178	476654	45.97	ng		99
71) Anthracene	13.26	178	477953	44.59	ng		99
72) Carbazole	13.45	167	451664	43.07	ng		99
73) Di-n-butylphthalate	13.90	149	566187	39.08	ng		99
74) Fluoranthene	14.67	202	492261	44.32	ng		99
76) Benzidine	14.84	184	182976m	28.81	ng		
77) Pyrene	14.95	202	520403m	44.82	ng		
79) Butylbenzylphthalate	15.76	149	247542	37.97	ng		86
80) Benzo(a)anthracene	16.44	228	454983	43.37	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	78786	20.34	ng	#	90
82) Chrysene	16.48	228	434749	47.91	ng		98
83) Bis(2-ethylhexyl)phthalate	16.47	149	349249	34.01	ng	#	97
84) Di-n-octyl phthalate	17.25	149	625984m	34.62	ng		
85) Indeno(1,2,3-cd)pyrene	19.73	276	475339m	43.18	ng		
87) Benzo(b)fluoranthene	17.72	252	472413	47.13	ng	#	94
88) Benzo(k)fluoranthene	17.74	252	432968m	48.13	ng		
89) Benzo(a)pyrene	18.11	252	441505	49.22	ng	#	96
90) Dibenzo(a,h)anthracene	19.75	278	416374	44.45	ng	#	96
91) Benzo(g,h,i)perylene	20.19	276	404714	45.35	ng		98

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

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