Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075555.D
Acq On : 15 Nov 2014 21:56
Operator : TP / JJ
Sample : F4695-03MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75(15-20)MS

Manual Integrations APPROVED
mohammad
11/17/2014 7:37:44 PM

Quant Time: Nov 16 07:01:06 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	47880	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	206271	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	107039	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	183271	20.00	ng		-0.03
75) Chrysene-d12	16.46	240	211663	20.00	ng		-0.08
86) Perylene-d12	18.22	264	218159	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	408159	150.60	ng		-0.02
7) Phenol-d6	7.10	99	493910	151.54	ng		-0.01
23) Nitrobenzene-d5	8.24	82	284692	101.19	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	126979	141.63	ng		-0.02
44) 2-Fluorobiphenyl	10.48	172	544674	91.95	ng		-0.01
78) Terphenyl-d14	15.16	244	598691m	76.15	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	49192	43.23	ng		96
3) Pyridine	3.27	79	123258m	40.32	ng		
4) n-Nitrosodimethylamine	3.18	42	74922m	46.30	ng		
6) Aniline	7.13	93	108735	23.10	ng		98
8) 2-Chlorophenol	7.28	128	147981	47.17	ng		92
9) Benzaldehyde	7.00	77	9068	4.14	ng		93
10) Phenol	7.12	94	197906	49.78	ng		83
11) bis(2-Chloroethyl)ether	7.24	93	151174	50.20	ng	#	84
12) 1,3-Dichlorobenzene	7.48	146	155449	45.47	ng		98
13) 1,4-Dichlorobenzene	7.57	146	154839	44.52	ng		99
14) 1,2-Dichlorobenzene	7.76	146	144983	44.46	ng	#	91
15) Benzyl Alcohol	7.73	79	121451	47.47	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.91	45	294095	47.17	ng		95
17) 2-Methylphenol	7.86	107	118082	45.47	ng		94
18) Hexachloroethane	8.17	117	55679	46.69	ng		97
19) n-Nitroso-di-n-propylamine	8.06	70	104041	46.85	ng		97
20) 3+4-Methylphenols	8.06	107	153587	45.17	ng		94
22) Acetophenone	8.06	105	217581	48.90	ng	#	91
24) Nitrobenzene	8.26	77	160241	49.15	ng		98
25) Isophorone	8.56	82	290099	45.16	ng		97
26) 2-Nitrophenol	8.66	139	70311	47.33	ng	#	68
27) 2,4-Dimethylphenol	8.71	122	123336	42.83	ng		97
28) bis(2-Chloroethoxy)methane	8.84	93	184726	47.19	ng		98
29) 2,4-Dichlorophenol	8.96	162	118813	47.10	ng		95
30) 1,2,4-Trichlorobenzene	9.06	180	117249	44.26	ng		97
31) Naphthalene	9.16	128	473113	51.45	ng		99
32) Benzoic acid	8.79	122	34544	19.86	ng		94
33) 4-Chloroaniline	9.22	127	84155	21.06	ng		96
34) Hexachlorobutadiene	9.32	225	58595	40.93	ng		95
35) Caprolactam	9.64	113	39173	46.86	ng		98
36) 4-Chloro-3-methylphenol	9.83	107	131513	47.52	ng		95
37) 2-Methylnaphthalene	10.02	142	294288	46.91	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	106199	48.27	ng		97
40) Hexachlorocyclopentadiene	10.21	237	103928	77.76	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	79185	45.25	ng		98
43) 2,4,5-Trichlorophenol	10.41	196	82724	45.39	ng	#	92
45) 1,1'-Biphenyl	10.60	154	331005	45.84	ng		99
46) 2-Chloronaphthalene	10.62	162	271055	48.01	ng		99
47) 2-Nitroaniline	10.74	65	84474	49.73	ng		93
48) Acenaphthylene	11.13	152	455527	48.94	ng		97
49) Dimethylphthalate	10.98	163	368888	50.41	ng		100
50) 2,6-Dinitrotoluene	11.05	165	65709	45.59	ng		91
51) Acenaphthene	11.35	154	272211	48.45	ng		97
52) 3-Nitroaniline	11.26	138	68742	40.45	ng	#	92
53) 2,4-Dinitrophenol	11.39	184	30386	46.24	ng		91
54) Dibenzofuran	11.57	168	369005	45.95	ng		94
55) 4-Nitrophenol	11.47	139	133777	98.48	ng		88
56) 2,4-Dinitrotoluene	11.56	165	95227	50.29	ng		92
57) Fluorene	11.99	166	307491	47.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	68853	47.60	ng	#	96
59) Diethylphthalate	11.87	149	312621	41.17	ng		97
60) 4-Chlorophenyl-phenylether	12.00	204	129028	46.21	ng		90
61) 4-Nitroaniline	12.01	138	76138	44.82	ng		89
62) Azobenzene	12.20	77	326373	48.86	ng		90
64) 4,6-Dinitro-2-methylphenol	12.06	198	34513	37.23	ng		83
65) n-Nitrosodiphenylamine	12.15	169	264301	45.59	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	75515	43.80	ng	#	82
67) Hexachlorobenzene	12.68	284	88518	45.21	ng	#	85
68) Atrazine	12.81	200	81201	45.14	ng		95
69) Pentachlorophenol	12.92	266	102043	83.03	ng		98
70) Phenanthrene	13.19	178	459956	47.69	ng		99
71) Anthracene	13.26	178	479284	48.07	ng		99
72) Carbazole	13.45	167	464037	47.57	ng		98
73) Di-n-butylphthalate	13.90	149	538750	39.98	ng		100
74) Fluoranthene	14.68	202	510822	49.45	ng		93
76) Benzidine	14.85	184	202450m	30.08	ng		
77) Pyrene	14.95	202	530046m	43.08	ng		
79) Butylbenzylphthalate	15.77	149	263771	38.17	ng		92
80) Benzo(a)anthracene	16.45	228	515176	46.33	ng		100
81) 3,3'-Dichlorobenzidine	16.41	252	138314	33.69	ng		99
82) Chrysene	16.49	228	465094	48.36	ng		100
83) Bis(2-ethylhexyl)phthalate	16.48	149	382019	35.10	ng	#	96
84) Di-n-octyl phthalate	17.28	149	701559m	36.61	ng		
85) Indeno(1,2,3-cd)pyrene	19.79	276	596404m	51.12	ng		
87) Benzo(b)fluoranthene	17.75	252	574900	49.29	ng		99
88) Benzo(k)fluoranthene	17.79	252	447191m	42.72	ng		
89) Benzo(a)pyrene	18.15	252	522002	50.02	ng		97
90) Dibenzo(a,h)anthracene	19.81	278	500330	45.91	ng	#	96
91) Benzo(g,h,i)perylene	20.25	276	509602	49.07	ng		94

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

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