Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093319.D
Acq On : 2 Mar 2017 13:19
Operator : SJ/MA
Sample : I2006-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSIDW-1MS

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:25 PM

Quant Time: Mar 03 00:34:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141912	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	554215	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	281800	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	517119	20.00	ng		0.00
75) Chrysene-d12	14.00	240	462374	20.00	ng		0.01
86) Perylene-d12	15.41	264	423730	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1257711	152.05	ng		0.01
7) Phenol-d6	6.45	99	1415623	133.01	ng		0.00
23) Nitrobenzene-d5	7.37	82	1008345	101.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	346943	170.22	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	1592960	102.41	ng		0.00
78) Terphenyl-d14	12.93	244	1594953	81.05	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	206642	46.23	ng	#	72
3) Pyridine	3.17	79	365486m	32.16	ng		
4) n-Nitrosodimethylamine	3.09	42	289453	54.24	ng		83
6) Aniline	6.46	93	241174	16.61	ng	#	1
8) 2-Chlorophenol	6.59	128	440712	48.29	ng		94
9) Benzaldehyde	6.35	77	68299	8.96	ng		98
10) Phenol	6.46	94	567829	45.60	ng		82
11) bis(2-Chloroethyl)ether	6.53	93	481083	48.40	ng		90
12) 1,3-Dichlorobenzene	6.74	146	497054	46.50	ng		98
13) 1,4-Dichlorobenzene	6.82	146	494027m	45.67	ng		
14) 1,2-Dichlorobenzene	6.97	146	459408	44.41	ng		98
15) Benzyl Alcohol	6.96	79	374436	47.52	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	773251	44.78	ng		82
17) 2-Methylphenol	7.07	107	364513	46.56	ng		97
18) Hexachloroethane	7.31	117	170562	46.19	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	320805	47.35	ng		93
20) 3+4-Methylphenols	7.23	107	499600	53.37	ng	#	79
22) Acetophenone	7.22	105	643221	50.83	ng	#	96
24) Nitrobenzene	7.39	77	493584	48.30	ng		97
25) Isophorone	7.63	82	946789	51.05	ng		95
26) 2-Nitrophenol	7.71	139	261532	53.84	ng		94
27) 2,4-Dimethylphenol	7.76	122	433805	50.85	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	664022	54.06	ng		99
29) 2,4-Dichlorophenol	7.96	162	416514	52.35	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	404003	47.12	ng		94
31) Naphthalene	8.11	128	1283442	45.68	ng		99
32) Benzoic acid	7.92	122	260607	53.03	ng		96
33) 4-Chloroaniline	8.17	127	156997	14.25	ng		98
34) Hexachlorobutadiene	8.22	225	209138	44.33	ng		99
35) Caprolactam	8.56	113	134143m	53.60	ng		
36) 4-Chloro-3-methylphenol	8.67	107	440686	53.12	ng		96
37) 2-Methylnaphthalene	8.81	142	902444	50.03	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	416377	52.64	ng		99
40) Hexachlorocyclopentadiene	8.96	237	201405	56.43	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	288080	55.42	ng		94
43) 2,4,5-Trichlorophenol	9.15	196	291264	51.14	ng	#	88
45) 1,1'-Biphenyl	9.28	154	1110965	54.44	ng		98
46) 2-Chloronaphthalene	9.30	162	850269	53.27	ng		96
47) 2-Nitroaniline	9.40	65	320862	59.78	ng		90
48) Acenaphthylene	9.72	152	1421548	51.55	ng		98
49) Dimethylphthalate	9.58	163	1055588	55.61	ng		100
50) 2,6-Dinitrotoluene	9.65	165	241192	58.84	ng	#	84
51) Acenaphthene	9.89	154	828205	50.23	ng		96
52) 3-Nitroaniline	9.82	138	93928	20.02	ng		87
53) 2,4-Dinitrophenol	9.95	184	229531	108.29	ng	#	88
54) Dibenzofuran	10.06	168	1162759	52.73	ng		94
55) 4-Nitrophenol	10.01	139	261028	77.26	ng	#	84
56) 2,4-Dinitrotoluene	10.06	165	280965	51.48	ng	#	89
57) Fluorene	10.41	166	916635	54.03	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	240661	63.35	ng		94
59) Diethylphthalate	10.28	149	1013792	56.67	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	405101	49.70	ng		90
61) 4-Nitroaniline	10.44	138	225929	47.02	ng		95
62) Azobenzene	10.56	77	1157168	62.62	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	150782	47.91	ng	#	30
65) n-Nitrosodiphenylamine	10.52	169	814792	49.32	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	256445	47.47	ng		97
67) Hexachlorobenzene	10.96	284	243381	45.59	ng	#	82
68) Atrazine	11.06	200	281849	53.17	ng		98
69) Pentachlorophenol	11.16	266	239929	86.42	ng		98
70) Phenanthrene	11.37	178	1359739	45.90	ng		98
71) Anthracene	11.42	178	1417161	47.63	ng		99
72) Carbazole	11.58	167	1228439	43.19	ng		99
73) Di-n-butylphthalate	11.92	149	1635066	53.16	ng	#	95
74) Fluoranthene	12.57	202	1517757	49.67	ng		95
77) Pyrene	12.80	202	1527858	44.15	ng		99
79) Butylbenzylphthalate	13.41	149	760461	54.12	ng	#	74
80) Benzo(a)anthracene	13.99	228	1290120	45.62	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	208989	20.73	ng		98
82) Chrysene	14.02	228	1190354	44.96	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	953129	49.60	ng		98
84) Di-n-octyl phthalate	14.57	149	1675691	53.55	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	1107501	54.00	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	1462028m	52.42	ng		
88) Benzo(k)fluoranthene	15.04	252	936200m	38.88	ng		
89) Benzo(a)pyrene	15.36	252	1128255	46.77	ng		98
90) Dibenzo(a,h)anthracene	16.82	278	918725	47.12	ng		96
91) Benzo(g,h,i)perylene	17.23	276	945369	47.99	ng	#	92

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

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