Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093320.D
Acq On : 2 Mar 2017 13:47
Operator : SJ/MA
Sample : I2006-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSIDW-1MSD

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:28 PM

Quant Time: Mar 03 00:36:31 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	147621	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	548473	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	267300	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	517487	20.00	ng		0.00
75) Chrysene-d12	13.99	240	424335	20.00	ng		0.00
86) Perylene-d12	15.39	264	366057	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1296759	150.71	ng		0.02
7) Phenol-d6	6.45	99	1518063	137.12	ng		0.00
23) Nitrobenzene-d5	7.38	82	1049378	106.54	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	345769	178.85	ng		0.01
44) 2-Fluorobiphenyl	9.17	172	1590215	107.78	ng		0.00
78) Terphenyl-d14	12.92	244	1596529	88.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	209609	45.08	ng	#	71
3) Pyridine	3.17	79	319034	26.99	ng		85
4) n-Nitrosodimethylamine	3.09	42	296046	53.33	ng		85
6) Aniline	6.46	93	202273	13.39	ng	#	1
8) 2-Chlorophenol	6.59	128	474796	50.02	ng		96
9) Benzaldehyde	6.35	77	75993	9.58	ng		98
10) Phenol	6.46	94	585270	45.18	ng		82
11) bis(2-Chloroethyl)ether	6.53	93	541264	52.35	ng		88
12) 1,3-Dichlorobenzene	6.74	146	527862	47.48	ng		98
13) 1,4-Dichlorobenzene	6.82	146	520209m	46.23	ng		
14) 1,2-Dichlorobenzene	6.97	146	480524	44.66	ng		98
15) Benzyl Alcohol	6.96	79	380914	46.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	762216	42.43	ng		81
17) 2-Methylphenol	7.07	107	368019	45.19	ng		95
18) Hexachloroethane	7.31	117	172476	44.90	ng	#	89
19) n-Nitroso-di-n-propylamine	7.22	70	337940	47.95	ng		94
20) 3+4-Methylphenols	7.23	107	504702	51.83	ng	#	79
22) Acetophenone	7.22	105	668916	53.42	ng	#	97
24) Nitrobenzene	7.39	77	497714	49.21	ng		98
25) Isophorone	7.63	82	949500	51.73	ng		95
26) 2-Nitrophenol	7.71	139	264325	54.98	ng		96
27) 2,4-Dimethylphenol	7.76	122	434774	51.50	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	654454	53.84	ng		99
29) 2,4-Dichlorophenol	7.96	162	418870	53.19	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	408698	48.16	ng		96
31) Naphthalene	8.11	128	1323488	47.60	ng		99
32) Benzoic acid	7.92	122	249136	51.47	ng		97
33) 4-Chloroaniline	8.17	127	109998	10.09	ng		97
34) Hexachlorobutadiene	8.22	225	211953	45.40	ng		100
35) Caprolactam	8.56	113	123951m	50.04	ng		
36) 4-Chloro-3-methylphenol	8.67	107	430585	52.45	ng		98
37) 2-Methylnaphthalene	8.81	142	907117	50.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	425564	56.72	ng		99
40) Hexachlorocyclopentadiene	8.96	237	210713	62.24	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	281690	57.13	ng		94
43) 2,4,5-Trichlorophenol	9.15	196	288920	53.48	ng	#	86
45) 1,1'-Biphenyl	9.28	154	1120490	57.89	ng		98
46) 2-Chloronaphthalene	9.30	162	842179	55.62	ng		97
47) 2-Nitroaniline	9.40	65	293803	57.71	ng		94
48) Acenaphthylene	9.72	152	1359982	51.99	ng		97
49) Dimethylphthalate	9.58	163	1041727	57.86	ng		99
50) 2,6-Dinitrotoluene	9.65	165	249069	64.06	ng		94
51) Acenaphthene	9.88	154	802206	51.30	ng		96
52) 3-Nitroaniline	9.82	138	56473	12.69	ng		86
53) 2,4-Dinitrophenol	9.94	184	221700	110.19	ng	#	54
54) Dibenzofuran	10.06	168	1175933	56.22	ng		92
55) 4-Nitrophenol	10.01	139	222501	69.43	ng	#	83
56) 2,4-Dinitrotoluene	10.06	165	283774	54.82	ng		95
57) Fluorene	10.41	166	941286	58.49	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	219915	61.03	ng		98
59) Diethylphthalate	10.28	149	947602	55.85	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	417801	54.04	ng		88
61) 4-Nitroaniline	10.44	138	211862	46.49	ng		94
62) Azobenzene	10.56	77	1124313	64.14	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	150198	47.70	ng	#	48
65) n-Nitrosodiphenylamine	10.52	169	822005	49.72	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	265444	49.10	ng		91
67) Hexachlorobenzene	10.96	284	250162	46.82	ng	#	91
68) Atrazine	11.06	200	234673	44.24	ng		90
69) Pentachlorophenol	11.16	266	244562	87.89	ng		98
70) Phenanthrene	11.37	178	1330010	44.86	ng		99
71) Anthracene	11.43	178	1543710	51.85	ng		98
72) Carbazole	11.59	167	1391314	48.89	ng		97
73) Di-n-butylphthalate	11.91	149	1727924	56.14	ng	#	97
74) Fluoranthene	12.56	202	1554397	50.83	ng		96
77) Pyrene	12.79	202	1559277	49.10	ng		99
79) Butylbenzylphthalate	13.39	149	700322	54.31	ng		97
80) Benzo(a)anthracene	13.97	228	1307431	50.38	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	123710	13.37	ng		98
82) Chrysene	14.01	228	1185275	48.78	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	950549	53.90	ng	#	98
84) Di-n-octyl phthalate	14.56	149	1664129	57.95	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	996496	52.94	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	1401168m	58.15	ng		
88) Benzo(k)fluoranthene	15.03	252	863943m	41.53	ng		
89) Benzo(a)pyrene	15.35	252	1066792	51.19	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	842792	50.03	ng		98
91) Benzo(g,h,i)perylene	17.22	276	853179	50.14	ng	#	93

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

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