Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092517.D
Acq On : 26 Jan 2017 11:20
Operator : SJ/MA
Sample : I1309-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Manual Integrations APPROVED
mohammad
1/27/2017 3:02:05 PM

Quant Time: Jan 27 07:51:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156500	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	619846	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	348072	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	525970	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	350577	20.00	ng		-0.01
86) Perylene-d12	15.63	264	335476	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1317696	131.00	ng		0.02
7) Phenol-d6	6.60	99	1767016	137.91	ng		0.01
23) Nitrobenzene-d5	7.54	82	1098169	96.78	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	294798	124.28	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1651599	87.74	ng		-0.01
78) Terphenyl-d14	13.10	244	1357094	103.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	212987	39.81	ng	#	84
3) Pyridine	3.44	79	583459	38.31	ng	#	85
4) n-Nitrosodimethylamine	3.39	42	328737	44.00	ng		84
6) Aniline	6.64	93	359366	18.80	ng	#	44
8) 2-Chlorophenol	6.75	128	486262	46.02	ng		90
9) Benzaldehyde	6.51	77	379945	41.79	ng		90
10) Phenol	6.61	94	832491	53.83	ng	#	71
11) bis(2-Chloroethyl)ether	6.70	93	510529	44.12	ng		92
12) 1,3-Dichlorobenzene	6.91	146	571042m	45.70	ng		
13) 1,4-Dichlorobenzene	6.99	146	592893	47.14	ng		93
14) 1,2-Dichlorobenzene	7.14	146	508066	42.58	ng		99
15) Benzyl Alcohol	7.12	79	507279	52.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	988734	43.20	ng		93
17) 2-Methylphenol	7.22	107	453511	50.24	ng		98
18) Hexachloroethane	7.48	117	191246	44.14	ng	#	86
19) n-Nitroso-di-n-propylamine	7.39	70	369677	42.37	ng		93
20) 3+4-Methylphenols	7.38	107	522565	47.71	ng		96
22) Acetophenone	7.38	105	732080	49.59	ng	#	84
24) Nitrobenzene	7.56	77	612905	51.56	ng	#	85
25) Isophorone	7.80	82	1079652	48.28	ng		99
26) 2-Nitrophenol	7.87	139	267875	53.78	ng		90
27) 2,4-Dimethylphenol	7.92	122	525869	50.76	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	621935	42.37	ng		99
29) 2,4-Dichlorophenol	8.12	162	464530	51.72	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	442679	45.60	ng		96
31) Naphthalene	8.28	128	1385978	43.69	ng		99
32) Benzoic acid	8.01	122	175013	25.08	ng		98
33) 4-Chloroaniline	8.33	127	112070	8.35	ng		98
34) Hexachlorobutadiene	8.41	225	245646	46.26	ng		98
35) Caprolactam	8.70	113	152142m	50.72	ng		
36) 4-Chloro-3-methylphenol	8.82	107	493018	50.90	ng		96
37) 2-Methylnaphthalene	8.98	142	913348	45.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	457078	52.06	ng		100
40) Hexachlorocyclopentadiene	9.14	237	267604	60.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	330030	49.06	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	316689	51.45	ng	#	91
45) 1,1'-Biphenyl	9.45	154	1102059	43.80	ng		97
46) 2-Chloronaphthalene	9.47	162	856385	41.67	ng		96
47) 2-Nitroaniline	9.56	65	295266	42.67	ng		92
48) Acenaphthylene	9.89	152	1490628	49.45	ng		99
49) Dimethylphthalate	9.76	163	1310078	59.19	ng		100
50) 2,6-Dinitrotoluene	9.81	165	262944	58.12	ng		96
51) Acenaphthene	10.06	154	901331	48.12	ng		97
52) 3-Nitroaniline	9.97	138	109323	19.29	ng		99
53) 2,4-Dinitrophenol	10.08	184	93236	43.92	ng	#	36
54) Dibenzofuran	10.24	168	1245449	48.97	ng		95
55) 4-Nitrophenol	10.14	139	434985	96.67	ng	#	65
56) 2,4-Dinitrotoluene	10.21	165	299815	49.93	ng		98
57) Fluorene	10.58	166	956223	50.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	246974	53.55	ng		99
59) Diethylphthalate	10.45	149	1008692	47.53	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	396135	43.31	ng		92
61) 4-Nitroaniline	10.59	138	232290	40.99	ng		95
62) Azobenzene	10.73	77	1100093	45.55	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	95781	35.26	ng		90
65) n-Nitrosodiphenylamine	10.69	169	886749	53.99	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	249637	47.01	ng		97
67) Hexachlorobenzene	11.13	284	260921	48.61	ng	#	92
68) Atrazine	11.22	200	275209	48.95	ng		98
69) Pentachlorophenol	11.32	266	304637	88.76	ng		98
70) Phenanthrene	11.54	178	1282528	44.28	ng		99
71) Anthracene	11.60	178	1460888	51.61	ng		98
72) Carbazole	11.74	167	1224462	45.30	ng		99
73) Di-n-butylphthalate	12.08	149	1471390	47.61	ng		98
74) Fluoranthene	12.73	202	1220048	43.06	ng		97
76) Benzidine	12.85	184	406997	31.27	ng		98
77) Pyrene	12.96	202	1177242	46.35	ng		99
79) Butylbenzylphthalate	13.57	149	557394	54.16	ng		97
80) Benzo(a)anthracene	14.15	228	868940	46.12	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	290614	40.62	ng	#	95
82) Chrysene	14.18	228	817339	40.62	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	688536	53.13	ng		100
84) Di-n-octyl phthalate	14.75	149	1276000	54.23	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	932872	62.66	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	870594	40.42	ng		99
88) Benzo(k)fluoranthene	15.23	252	880223m	49.15	ng		
89) Benzo(a)pyrene	15.57	252	880535	48.33	ng		97
90) Dibenzo(a,h)anthracene	17.14	278	786438	53.38	ng		98
91) Benzo(g,h,i)perylene	17.56	276	760294	51.03	ng	#	92

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

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