Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092377.D
Acq On : 20 Jan 2017 17:16
Operator : UM/SJ
Sample : I1260-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Manual Integrations APPROVED
mohammad
1/23/2017 2:44:55 PM

Quant Time: Jan 23 10:53:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 23 10:46:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	166931m	20.00	ng		-0.12
21) Naphthalene-d8	7.81	136	626321	20.00	ng		-0.12
38) Acenaphthene-d10	9.56	164	441382	20.00	ng		-0.12
63) Phenanthrene-d10	11.03	188	675251	20.00	ng		-0.12
75) Chrysene-d12	13.66	240	357471	20.00	ng		-0.12
86) Perylene-d12	15.01	264	391734	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	1303594	130.39	ng		-0.12
7) Phenol-d6	6.20	99	1654924	135.58	ng		-0.11
23) Nitrobenzene-d5	7.10	82	1110009	98.55	ng		-0.11
41) 2,4,6-Tribromophenol	10.36	330	498300	136.42	ng		-0.11
44) 2-Fluorobiphenyl	8.90	172	2097771	99.60	ng		-0.11
78) Terphenyl-d14	12.62	244	1606276	108.98	ng		-0.12
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	212820	43.24	ng	#	92
3) Pyridine	2.61	79	481747	28.04	ng		99
4) n-Nitrosodimethylamine	2.59	42	281726	43.48	ng		98
6) Aniline	6.19	93	218648m	13.79	ng		
8) 2-Chlorophenol	6.31	128	499724	43.94	ng		98
9) Benzaldehyde	6.07	77	30875	3.16	ng		95
10) Phenol	6.21	94	690774	49.66	ng		80
11) bis(2-Chloroethyl)ether	6.28	93	497492	44.95	ng		92
12) 1,3-Dichlorobenzene	6.46	146	540663m	44.54	ng		
13) 1,4-Dichlorobenzene	6.54	146	580467m	46.98	ng		
14) 1,2-Dichlorobenzene	6.69	146	433803	40.46	ng		97
15) Benzyl Alcohol	6.69	79	410816	43.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	773426	46.93	ng	#	27
17) 2-Methylphenol	6.82	107	440795m	48.20	ng		
18) Hexachloroethane	7.03	117	212044	46.29	ng		95
19) n-Nitroso-di-n-propylamine	6.96	70	384822	47.39	ng		98
20) 3+4-Methylphenols	6.98	107	564192	51.72	ng	#	72
22) Acetophenone	6.95	105	745301	48.24	ng	#	92
24) Nitrobenzene	7.12	77	626601	52.23	ng		91
25) Isophorone	7.36	82	980037	47.16	ng		95
26) 2-Nitrophenol	7.44	139	256471	43.35	ng	#	82
27) 2,4-Dimethylphenol	7.50	122	449601	45.82	ng		99
28) bis(2-Chloroethoxy)methane	7.58	93	624938	49.59	ng		100
29) 2,4-Dichlorophenol	7.70	162	419983	50.55	ng		94
30) 1,2,4-Trichlorobenzene	7.76	180	444359	48.80	ng		100
31) Naphthalene	7.83	128	1450407	50.60	ng		100
32) Benzoic acid	7.64	122	63857	8.77	ng		97
33) 4-Chloroaniline	7.90	127	148780	11.51	ng		96
34) Hexachlorobutadiene	7.96	225	267884	55.74	ng		99
35) Caprolactam	8.29	113	173779m	63.65	ng		
36) 4-Chloro-3-methylphenol	8.42	107	669852	70.06	ng		94
37) 2-Methylnaphthalene	8.53	142	1351256	68.74	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	541810	48.59	ng		100
40) Hexachlorocyclopentadiene	8.68	237	207261	43.64	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	356667	45.73	ng		96
43) 2,4,5-Trichlorophenol	8.87	196	365009	45.48	ng	#	92
45) 1,1'-Biphenyl	9.00	154	1532738	50.72	ng		97
46) 2-Chloronaphthalene	9.01	162	1090692	45.57	ng		95
47) 2-Nitroaniline	9.12	65	391298	45.92	ng		95
48) Acenaphthylene	9.42	152	1609655	43.73	ng		99
49) Dimethylphthalate	9.31	163	1526357	54.07	ng		98
50) 2,6-Dinitrotoluene	9.38	165	322878	52.25	ng	#	82
51) Acenaphthene	9.59	154	1026414	41.13	ng		100
52) 3-Nitroaniline	9.54	138	177026	23.15	ng		93
53) 2,4-Dinitrophenol	9.66	184	143055	41.61	ng	#	90
54) Dibenzofuran	9.76	168	1396917	41.45	ng		97
55) 4-Nitrophenol	9.74	139	467350m	90.01	ng		
56) 2,4-Dinitrotoluene	9.78	165	366217	47.22	ng		97
57) Fluorene	10.11	166	1034287	42.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	301837	47.55	ng		95
59) Diethylphthalate	10.00	149	1281944	46.76	ng		98
60) 4-Chlorophenyl-phenylether	10.11	204	531013	49.46	ng	#	86
61) 4-Nitroaniline	10.15	138	280373	35.38	ng		95
62) Azobenzene	10.27	77	1567252	51.92	ng		89
64) 4,6-Dinitro-2-methylphenol	10.19	198	160424	39.29	ng	#	64
65) n-Nitrosodiphenylamine	10.23	169	1129009	56.35	ng		99
66) 4-Bromophenyl-phenylether	10.59	248	319728	45.52	ng		98
67) Hexachlorobenzene	10.66	284	357076	47.56	ng		99
68) Atrazine	10.77	200	375974	58.17	ng		97
69) Pentachlorophenol	10.86	266	290470	78.85	ng		99
70) Phenanthrene	11.06	178	1652930	45.14	ng		98
71) Anthracene	11.11	178	1669415	56.16	ng		99
72) Carbazole	11.27	167	1409386	48.34	ng		99
73) Di-n-butylphthalate	11.62	149	1888707	55.39	ng		99
74) Fluoranthene	12.25	202	1567353	49.14	ng		94
76) Benzidine	12.37	184	197735	18.23	ng		97
77) Pyrene	12.46	202	1431607	54.58	ng		100
79) Butylbenzylphthalate	13.10	149	721975	60.52	ng		90
80) Benzo(a)anthracene	13.65	228	1033272	51.21	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	271728	35.51	ng	#	95
82) Chrysene	13.70	228	1016299	50.21	ng		97
83) Bis(2-ethylhexyl)phthalate	13.66	149	869565	61.90	ng		99
84) Di-n-octyl phthalate	14.28	149	1504405	57.81	ng		97
85) Indeno(1,2,3-cd)pyrene	16.23	276	1070337	61.04	ng		99
87) Benzo(b)fluoranthene	14.66	252	1057572m	43.36	ng		
88) Benzo(k)fluoranthene	14.68	252	874607m	42.05	ng		
89) Benzo(a)pyrene	14.97	252	1009850	46.65	ng	#	97
90) Dibenzo(a,h)anthracene	16.23	278	879196	49.41	ng		98
91) Benzo(g,h,i)perylene	16.59	276	903754	48.85	ng		99

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

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