Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092207.D
Acq On : 12 Jan 2017 14:48
Operator : UM/SJ
Sample : I1029-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-002MS

Manual Integrations APPROVED
Sohil
1/13/2017 11:06:56 AM

Quant Time: Jan 12 18:25:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	213926	20.00	ng		-0.05
21) Naphthalene-d8	7.89	136	710853	20.00	ng		-0.05
38) Acenaphthene-d10	9.64	164	378573	20.00	ng		-0.05
63) Phenanthrene-d10	11.11	188	613064	20.00	ng		-0.05
75) Chrysene-d12	13.74	240	391198	20.00	ng		-0.05
86) Perylene-d12	15.09	264	341745	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	965528	75.36	ng		-0.03
7) Phenol-d6	6.26	99	1516100	96.92	ng		-0.05
23) Nitrobenzene-d5	7.17	82	979935	76.65	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	312584	99.77	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1326404	69.42	ng		-0.05
78) Terphenyl-d14	12.70	244	1328797	82.38	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	175232	27.78	ng		96
3) Pyridine	2.72	79	443098	20.13	ng		98
4) n-Nitrosodimethylamine	2.68	42	223168	26.87	ng		99
6) Aniline	6.25	93	470627	23.16	ng	#	50
8) 2-Chlorophenol	6.39	128	495393	33.99	ng		90
9) Benzaldehyde	6.14	77	35409	2.81	ng		93
10) Phenol	6.28	94	644206	36.14	ng	#	78
11) bis(2-Chloroethyl)ether	6.34	93	496077	34.98	ng		94
12) 1,3-Dichlorobenzene	6.54	146	497152	31.96	ng		99
13) 1,4-Dichlorobenzene	6.61	146	497213	31.40	ng		98
14) 1,2-Dichlorobenzene	6.77	146	481762	35.06	ng		98
15) Benzyl Alcohol	6.76	79	400688	32.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	720584	34.12	ng		69
17) 2-Methylphenol	6.88	107	398696	34.02	ng	#	92
18) Hexachloroethane	7.11	117	188429	32.10	ng		90
19) n-Nitroso-di-n-propylamine	7.03	70	404606	38.88	ng	#	87
20) 3+4-Methylphenols	7.04	107	558209	39.93	ng	#	70
22) Acetophenone	7.02	105	766173	43.70	ng	#	89
24) Nitrobenzene	7.19	77	560021	41.13	ng	#	87
25) Isophorone	7.43	82	796246	33.76	ng		96
26) 2-Nitrophenol	7.51	139	227940	33.95	ng	#	85
27) 2,4-Dimethylphenol	7.57	122	375116	33.68	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	502922	35.16	ng		99
29) 2,4-Dichlorophenol	7.76	162	343020	36.37	ng		95
30) 1,2,4-Trichlorobenzene	7.83	180	351422	34.01	ng		96
31) Naphthalene	7.90	128	1103757	33.93	ng		99
32) Benzoic acid	7.70	122	149318	18.08	ng		98
33) 4-Chloroaniline	7.97	127	395714	26.97	ng		96
34) Hexachlorobutadiene	8.02	225	177099	32.47	ng		99
35) Caprolactam	8.33	113	103988	33.56	ng	#	58
36) 4-Chloro-3-methylphenol	8.47	107	369984	34.10	ng		99
37) 2-Methylnaphthalene	8.60	142	751064	35.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	335389	35.07	ng		100
40) Hexachlorocyclopentadiene	8.76	237	202358	49.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	218068	32.60	ng		98
43) 2,4,5-Trichlorophenol	8.94	196	228421	33.18	ng	#	90
45) 1,1'-Biphenyl	9.06	154	966499	37.29	ng		98
46) 2-Chloronaphthalene	9.09	162	724351	35.29	ng		97
47) 2-Nitroaniline	9.19	65	250309	34.25	ng		92
48) Acenaphthylene	9.50	152	1100289	34.85	ng		97
49) Dimethylphthalate	9.37	163	945797	39.06	ng		99
50) 2,6-Dinitrotoluene	9.43	165	171990	32.45	ng	#	68
51) Acenaphthene	9.67	154	677664	31.66	ng		99
52) 3-Nitroaniline	9.60	138	188796	28.79	ng		88
53) 2,4-Dinitrophenol	9.72	184	152847	51.83	ng	#	69
54) Dibenzofuran	9.84	168	940244	32.53	ng		96
55) 4-Nitrophenol	9.80	139	246454	55.34	ng		99
56) 2,4-Dinitrotoluene	9.84	165	250733	37.69	ng		90
57) Fluorene	10.18	166	722664	34.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	190146	34.92	ng		99
59) Diethylphthalate	10.07	149	816727	34.73	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	302105	32.81	ng		100
61) 4-Nitroaniline	10.22	138	212778	31.31	ng		83
62) Azobenzene	10.33	77	907979	35.07	ng		98
64) 4,6-Dinitro-2-methylphenol	10.25	198	128399	34.64	ng		96
65) n-Nitrosodiphenylamine	10.30	169	672332	36.96	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	223295	35.01	ng	#	83
67) Hexachlorobenzene	10.72	284	213953	31.39	ng	#	77
68) Atrazine	10.84	200	231148	39.39	ng		97
69) Pentachlorophenol	10.93	266	192920	57.68	ng		99
70) Phenanthrene	11.13	178	1073689	32.30	ng		99
71) Anthracene	11.19	178	1137118	36.09	ng		97
72) Carbazole	11.35	167	1089054	36.79	ng		98
73) Di-n-butylphthalate	11.68	149	1224616	38.26	ng		99
74) Fluoranthene	12.31	202	1056096	35.40	ng		99
76) Benzidine	12.45	184	103143	6.99	ng		97
77) Pyrene	12.54	202	1047662	36.50	ng		99
79) Butylbenzylphthalate	13.17	149	506019	38.76	ng		94
80) Benzo(a)anthracene	13.73	228	784141	35.51	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	223619	26.71	ng		97
82) Chrysene	13.76	228	644311	29.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	667217	43.40	ng	#	98
84) Di-n-octyl phthalate	14.35	149	1017772	35.74	ng		99
85) Indeno(1,2,3-cd)pyrene	16.35	276	700026	36.48	ng		99
87) Benzo(b)fluoranthene	14.73	252	890395m	41.85	ng		
88) Benzo(k)fluoranthene	14.76	252	446774m	24.62	ng		
89) Benzo(a)pyrene	15.04	252	635341	33.64	ng		97
90) Dibenzo(a,h)anthracene	16.35	278	575205	37.06	ng		98
91) Benzo(g,h,i)perylene	16.71	276	609059	37.74	ng		97

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

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