Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092139.D
Acq On : 9 Jan 2017 15:32
Operator : UM/SJ
Sample : I1073-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMSD

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:12 AM

Quant Time: Jan 09 16:23:31 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	6.63	152	187167	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	800209	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	406578	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	662571	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	456885	20.00	ng		0.00
86) Perylene-d12	15.15	264	408712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1527040	136.23	ng		0.01
7) Phenol-d6	6.31	99	1980719	144.73	ng		0.00
23) Nitrobenzene-d5	7.21	82	1388951	96.52	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	520165	154.59	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	2257820	118.93	ng		0.00
78) Terphenyl-d14	12.73	244	1827118	96.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	274071	49.66	ng		96
3) Pyridine	2.80	79	636482	33.05	ng		96
4) n-Nitrosodimethylamine	2.76	42	344461	47.41	ng		99
6) Aniline	6.30	93	698902	39.32	ng	#	48
8) 2-Chlorophenol	6.42	128	609238	47.78	ng		96
9) Benzaldehyde	6.17	77	51576	4.86	ng		99
10) Phenol	6.32	94	756964	48.54	ng	#	77
11) bis(2-Chloroethyl)ether	6.38	93	681619	54.93	ng		100
12) 1,3-Dichlorobenzene	6.57	146	653159m	47.98	ng		
13) 1,4-Dichlorobenzene	6.65	146	645691	46.60	ng		94
14) 1,2-Dichlorobenzene	6.80	146	527909	43.91	ng		97
15) Benzyl Alcohol	6.79	79	499975	47.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	842020	45.57	ng	#	31
17) 2-Methylphenol	6.93	107	508871	49.62	ng	#	89
18) Hexachloroethane	7.14	117	239820	46.69	ng		99
19) n-Nitroso-di-n-propylamine	7.06	70	433581	47.62	ng		98
20) 3+4-Methylphenols	7.09	107	707545	57.85	ng	#	72
22) Acetophenone	7.05	105	907298	45.97	ng		93
24) Nitrobenzene	7.22	77	631438	41.20	ng		97
25) Isophorone	7.48	82	1270010	47.83	ng		99
26) 2-Nitrophenol	7.54	139	365009	48.29	ng		91
27) 2,4-Dimethylphenol	7.60	122	518351	41.35	ng		99
28) bis(2-Chloroethoxy)methane	7.68	93	747539	46.43	ng		99
29) 2,4-Dichlorophenol	7.80	162	508901	47.94	ng		89
30) 1,2,4-Trichlorobenzene	7.86	180	511940	44.01	ng	#	95
31) Naphthalene	7.94	128	1797265	49.07	ng		99
32) Benzoic acid	7.76	122	314440	33.82	ng		99
33) 4-Chloroaniline	8.00	127	474014	28.70	ng		99
34) Hexachlorobutadiene	8.07	225	289737	47.18	ng		98
35) Caprolactam	8.39	113	172263m	49.38	ng		
36) 4-Chloro-3-methylphenol	8.52	107	568363	46.53	ng		99
37) 2-Methylnaphthalene	8.63	142	1157485	58.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	455524	44.34	ng	#	98
40) Hexachlorocyclopentadiene	8.79	237	413241	89.82	ng		97

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Quant Time: Jan 09 16:23:31 2017
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	8.93	196	342798	47.72	ng		96
43) 2,4,5-Trichlorophenol	8.98	196	326726	44.19	ng	#	82
45) 1,1'-Biphenyl	9.10	154	1329227	47.75	ng		96
46) 2-Chloronaphthalene	9.12	162	997692	45.25	ng		94
47) 2-Nitroaniline	9.22	65	361714	46.08	ng		96
48) Acenaphthylene	9.53	152	1530926	45.15	ng		99
49) Dimethylphthalate	9.42	163	1479690	56.90	ng		99
50) 2,6-Dinitrotoluene	9.48	165	290354	51.01	ng	#	83
51) Acenaphthene	9.70	154	962781	41.88	ng		99
52) 3-Nitroaniline	9.65	138	221106	31.39	ng	#	72
53) 2,4-Dinitrophenol	9.75	184	239642	75.67	ng	#	53
54) Dibenzofuran	9.88	168	1368574	44.09	ng		98
55) 4-Nitrophenol	9.84	139	457412	95.64	ng		99
56) 2,4-Dinitrotoluene	9.88	165	324888	45.48	ng	#	72
57) Fluorene	10.22	166	1006504	44.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	286991	49.08	ng		98
59) Diethylphthalate	10.12	149	1284611	50.87	ng		96
60) 4-Chlorophenyl-phenylether	10.22	204	516561	52.24	ng	#	86
61) 4-Nitroaniline	10.26	138	330623	45.30	ng		84
62) Azobenzene	10.38	77	1465182	52.69	ng		90
64) 4,6-Dinitro-2-methylphenol	10.29	198	180837	45.14	ng	#	60
65) n-Nitrosodiphenylamine	10.34	169	1069933	54.42	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	324773	47.12	ng		96
67) Hexachlorobenzene	10.77	284	345848	46.95	ng	#	93
68) Atrazine	10.88	200	329622	51.97	ng		92
69) Pentachlorophenol	10.97	266	355492	98.34	ng		100
70) Phenanthrene	11.18	178	1776183	49.44	ng		99
71) Anthracene	11.22	178	1588733	53.16	ng		99
72) Carbazole	11.38	167	1528942	62.68	ng		99
73) Di-n-butylphthalate	11.73	149	1916757	57.44	ng		99
74) Fluoranthene	12.36	202	1575121	50.43	ng		98
76) Benzidine	12.48	184	568919	50.24	ng		98
77) Pyrene	12.59	202	1703769	50.83	ng		100
79) Butylbenzylphthalate	13.21	149	751817	49.31	ng		99
80) Benzo(a)anthracene	13.77	228	1318540	51.13	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	372485	38.09	ng		97
82) Chrysene	13.81	228	1215644	46.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1004111	55.92	ng	#	95
84) Di-n-octyl phthalate	14.39	149	1810287	54.43	ng		100
85) Indeno(1,2,3-cd)pyrene	16.43	276	1109533	49.51	ng		99
87) Benzo(b)fluoranthene	14.78	252	1350851m	53.09	ng		
88) Benzo(k)fluoranthene	14.80	252	922992m	42.54	ng		
89) Benzo(a)pyrene	15.10	252	1108872	49.10	ng	#	97
90) Dibenzo(a,h)anthracene	16.44	278	903266	48.66	ng		96
91) Benzo(g,h,i)perylene	16.80	276	943687	48.89	ng		98

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

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