Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092313.D
Acq On : 17 Jan 2017 6:33
Operator : UM/SJ
Sample : I1182-05MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:17 PM

Quant Time: Jan 17 12:57:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170027	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	825944	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	403258	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	595590	20.00	ng		0.00
75) Chrysene-d12	13.70	240	253836	20.00	ng		-0.01
86) Perylene-d12	15.06	264	413454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1410003	138.47	ng		0.02
7) Phenol-d6	6.24	99	1745888	140.43	ng		0.01
23) Nitrobenzene-d5	7.15	82	1497638	100.83	ng		0.01
41) 2,4,6-Tribromophenol	10.39	330	467131	139.97	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2196997	116.39	ng		0.00
78) Terphenyl-d14	12.66	244	1350790	129.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	242091	48.29	ng	#	83
3) Pyridine	2.76	79	623298m	35.62	ng		
4) n-Nitrosodimethylamine	2.68	42	295868	44.83	ng		99
6) Aniline	6.23	93	290844	18.01	ng	#	60
8) 2-Chlorophenol	6.36	128	590005	50.94	ng		96
9) Benzaldehyde	6.12	77	24731	2.44	ng		96
10) Phenol	6.26	94	661350	46.68	ng	#	65
11) bis(2-Chloroethyl)ether	6.31	93	601692	53.38	ng		99
12) 1,3-Dichlorobenzene	6.51	146	640645	51.81	ng		97
13) 1,4-Dichlorobenzene	6.59	146	628123	49.91	ng		94
14) 1,2-Dichlorobenzene	6.74	146	606394	55.53	ng		99
15) Benzyl Alcohol	6.74	79	532662	55.14	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	907072	54.04	ng	#	47
17) 2-Methylphenol	6.86	107	487268	52.31	ng	#	88
18) Hexachloroethane	7.07	117	256992	55.08	ng	#	83
19) n-Nitroso-di-n-propylamine	7.00	70	463154	56.00	ng		98
20) 3+4-Methylphenols	7.02	107	720743	64.87	ng	#	71
22) Acetophenone	6.99	105	989417	48.57	ng	#	92
24) Nitrobenzene	7.16	77	700161	44.26	ng		96
25) Isophorone	7.40	82	1438466	52.49	ng		95
26) 2-Nitrophenol	7.48	139	408870	52.41	ng		89
27) 2,4-Dimethylphenol	7.54	122	596520	46.10	ng		96
28) bis(2-Chloroethoxy)methane	7.62	93	904047	54.40	ng		99
29) 2,4-Dichlorophenol	7.73	162	596886	54.47	ng		90
30) 1,2,4-Trichlorobenzene	7.80	180	599618	49.94	ng		95
31) Naphthalene	7.88	128	2113720	55.92	ng		99
32) Benzoic acid	7.71	122	357372	37.24	ng		96
33) 4-Chloroaniline	7.94	127	162761	9.55	ng		98
34) Hexachlorobutadiene	7.99	225	310732	49.03	ng		99
35) Caprolactam	8.32	113	157667m	43.79	ng		
36) 4-Chloro-3-methylphenol	8.45	107	641139	50.85	ng		89
37) 2-Methylnaphthalene	8.56	142	1225886	61.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	562748	55.23	ng		99
40) Hexachlorocyclopentadiene	8.72	237	293918	65.53	ng		99

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Quant Time: Jan 17 12:57:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	376388	52.82	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	377061	51.42	ng		98
45) 1,1'-Biphenyl	9.03	154	1620035	58.67	ng		99
46) 2-Chloronaphthalene	9.06	162	1227907	56.16	ng		97
47) 2-Nitroaniline	9.16	65	367338	47.18	ng		97
48) Acenaphthylene	9.46	152	1700804	50.58	ng		99
49) Dimethylphthalate	9.34	163	1333338	51.70	ng		98
50) 2,6-Dinitrotoluene	9.41	165	340433	60.30	ng	#	84
51) Acenaphthene	9.64	154	1140985	50.05	ng		99
52) 3-Nitroaniline	9.57	138	171077	24.49	ng		97
53) 2,4-Dinitrophenol	9.70	184	253071	80.57	ng	#	91
54) Dibenzofuran	9.81	168	1544607	50.17	ng		91
55) 4-Nitrophenol	9.78	139	324781m	68.47	ng		
56) 2,4-Dinitrotoluene	9.81	165	338468	47.77	ng		86
57) Fluorene	10.14	166	1078829	48.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	324126	55.89	ng		93
59) Diethylphthalate	10.04	149	1288844	51.45	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	500442	51.02	ng		93
61) 4-Nitroaniline	10.19	138	312372	43.15	ng		92
62) Azobenzene	10.30	77	1518490	55.06	ng		95
64) 4,6-Dinitro-2-methylphenol	10.22	198	182333	50.63	ng		73
65) n-Nitrosodiphenylamine	10.27	169	1054176	59.65	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	366903	59.22	ng	#	77
67) Hexachlorobenzene	10.69	284	337782	51.01	ng	#	86
68) Atrazine	10.80	200	363732	63.80	ng		98
69) Pentachlorophenol	10.90	266	296024	91.10	ng		99
70) Phenanthrene	11.10	178	1732825	53.66	ng		99
71) Anthracene	11.15	178	1559745	63.03	ng		99
72) Carbazole	11.32	167	1279784	51.36	ng		96
73) Di-n-butylphthalate	11.65	149	1575813	52.15	ng		99
74) Fluoranthene	12.28	202	1235847	43.49	ng		98
76) Benzidine	12.42	184	165517	22.30	ng		96
77) Pyrene	12.51	202	1344841	72.21	ng		98
79) Butylbenzylphthalate	13.14	149	572296	67.56	ng		98
80) Benzo(a)anthracene	13.69	228	935696	65.30	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	197596	36.37	ng	#	96
82) Chrysene	13.73	228	908240	63.19	ng		98
83) Bis(2-ethylhexyl)phthalate	13.71	149	714622	71.64	ng	#	95
84) Di-n-octyl phthalate	14.31	149	1163366	62.96	ng		98
85) Indeno(1,2,3-cd)pyrene	16.29	276	1466110	117.75	ng		97
87) Benzo(b)fluoranthene	14.69	252	972589m	37.78	ng		
88) Benzo(k)fluoranthene	14.71	252	955980m	43.55	ng		
89) Benzo(a)pyrene	15.00	252	1190376	52.10	ng	#	97
90) Dibenzo(a,h)anthracene	16.30	278	1199718	63.89	ng	#	95
91) Benzo(g,h,i)perylene	16.66	276	1298390	66.49	ng		97

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

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