Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011117\
Data File : BF092203.D
Acq On : 11 Jan 2017 18:11
Operator : UM/SJ
Sample : I1079-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
USDOT-617122-COMP-0-2MSD

Manual Integrations APPROVED
Sohil
1/12/2017 3:43:12 PM

Quant Time: Jan 12 10:03:52 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	6.61	152	215620	20.00	ng		-0.03
21) Naphthalene-d8	7.90	136	861200	20.00	ng		-0.03
38) Acenaphthene-d10	9.65	164	356874	20.00	ng		-0.03
63) Phenanthrene-d10	11.12	188	541768	20.00	ng		-0.03
75) Chrysene-d12	13.75	240	286914	20.00	ng		-0.03
86) Perylene-d12	15.11	264	339474	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1573733	121.87	ng		-0.02
7) Phenol-d6	6.29	99	2140490	135.77	ng		-0.02
23) Nitrobenzene-d5	7.18	82	1300686	83.98	ng		-0.03
41) 2,4,6-Tribromophenol	10.44	330	377843	127.93	ng		-0.03
44) 2-Fluorobiphenyl	8.98	172	1811948	107.43	ng		-0.02
78) Terphenyl-d14	12.71	244	1396403	118.04	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	194306	30.56	ng		99
3) Pyridine	2.74	79	253345	11.42	ng		95
4) n-Nitrosodimethylamine	2.68	42	265459	31.72	ng		96
6) Aniline	6.28	93	419957	20.51	ng	#	60
8) 2-Chlorophenol	6.40	128	648185	44.13	ng		96
9) Benzaldehyde	6.15	77	46130	3.70	ng		97
10) Phenol	6.30	94	988374	55.01	ng	#	67
11) bis(2-Chloroethyl)ether	6.36	93	626566	43.83	ng		98
12) 1,3-Dichlorobenzene	6.55	146	630555	40.21	ng		98
13) 1,4-Dichlorobenzene	6.63	146	626300	39.24	ng		93
14) 1,2-Dichlorobenzene	6.78	146	536045	38.71	ng		98
15) Benzyl Alcohol	6.77	79	437070	35.68	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	800429	37.60	ng	#	45
17) 2-Methylphenol	6.90	107	449159	38.02	ng	#	88
18) Hexachloroethane	7.12	117	224384	37.92	ng		94
19) n-Nitroso-di-n-propylamine	7.04	70	445011	42.43	ng		97
20) 3+4-Methylphenols	7.05	107	642772	45.62	ng	#	69
22) Acetophenone	7.03	105	839899	39.54	ng	#	92
24) Nitrobenzene	7.20	77	651828	39.52	ng		95
25) Isophorone	7.44	82	1157545	40.51	ng		95
26) 2-Nitrophenol	7.52	139	340427	41.85	ng	#	85
27) 2,4-Dimethylphenol	7.58	122	536693	39.78	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	721625	41.65	ng		100
29) 2,4-Dichlorophenol	7.77	162	528160	46.23	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	534605	42.70	ng		97
31) Naphthalene	7.92	128	1821515	46.21	ng		99
32) Benzoic acid	7.73	122	283278	28.31	ng		98
33) 4-Chloroaniline	7.98	127	259940	14.63	ng		96
34) Hexachlorobutadiene	8.04	225	262940	39.79	ng		99
35) Caprolactam	8.37	113	127461m	33.95	ng		
36) 4-Chloro-3-methylphenol	8.49	107	484227	36.83	ng		93
37) 2-Methylnaphthalene	8.61	142	901571	34.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	397630	44.10	ng		98
40) Hexachlorocyclopentadiene	8.77	237	252785	63.80	ng		99

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Quant Time: Jan 12 10:03:52 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)
42) 2,4,6-Trichlorophenol	8.90	196	272103	43.15	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	261707	40.33	ng		94
45) 1,1'-Biphenyl	9.08	154	1090689	44.64	ng		98
46) 2-Chloronaphthalene	9.10	162	853683	44.12	ng		96
47) 2-Nitroaniline	9.20	65	264649	38.41	ng		97
48) Acenaphthylene	9.51	152	1278331	42.95	ng		98
49) Dimethylphthalate	9.38	163	1142670	50.06	ng		99
50) 2,6-Dinitrotoluene	9.45	165	245750	49.19	ng		97
51) Acenaphthene	9.68	154	929306	46.06	ng		99
52) 3-Nitroaniline	9.61	138	138003	22.32	ng		98
53) 2,4-Dinitrophenol	9.74	184	187958	67.62	ng		95
54) Dibenzofuran	9.85	168	1205396	44.24	ng		99
55) 4-Nitrophenol	9.82	139	308022m	73.38	ng		
56) 2,4-Dinitrotoluene	9.85	165	249446	39.78	ng	#	68
57) Fluorene	10.20	166	1060826	53.51	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	222643	43.38	ng		99
59) Diethylphthalate	10.08	149	952558	42.97	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	373689	43.05	ng	#	76
61) 4-Nitroaniline	10.23	138	213826	33.37	ng		97
62) Azobenzene	10.34	77	1062592	43.54	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	145388	44.38	ng	#	63
65) n-Nitrosodiphenylamine	10.31	169	755842	47.02	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	261962	46.48	ng		95
67) Hexachlorobenzene	10.74	284	275658	45.76	ng		95
68) Atrazine	10.85	200	219233	42.28	ng		97
69) Pentachlorophenol	10.95	266	235044	79.52	ng		99
70) Phenanthrene	11.16	178	2330692	79.34	ng		99
71) Anthracene	11.20	178	1398793	61.14	ng		99
72) Carbazole	11.36	167	1148057	49.85	ng		99
73) Di-n-butylphthalate	11.70	149	1508439	55.11	ng	#	97
74) Fluoranthene	12.33	202	1751444	70.09	ng		98
76) Benzidine	12.46	184	31437	1.37	ng	#	87
77) Pyrene	12.56	202	1760293	83.62	ng		100
79) Butylbenzylphthalate	13.19	149	549221	57.37	ng	#	85
80) Benzo(a)anthracene	13.74	228	1015208	62.68	ng		99
81) 3,3'-Dichlorobenzidine	13.72	252	210261	34.24	ng	#	96
82) Chrysene	13.79	228	901142	55.47	ng		97
83) Bis(2-ethylhexyl)phthalate	13.75	149	726010	64.39	ng		99
84) Di-n-octyl phthalate	14.36	149	1112829	53.28	ng		99
85) Indeno(1,2,3-cd)pyrene	16.38	276	1040285	73.92	ng		99
87) Benzo(b)fluoranthene	14.75	252	1007739m	47.68	ng		
88) Benzo(k)fluoranthene	14.77	252	851560m	47.25	ng		
89) Benzo(a)pyrene	15.07	252	921385	49.12	ng		97
90) Dibenzo(a,h)anthracene	16.39	278	825560	53.54	ng		95
91) Benzo(g,h,i)perylene	16.76	276	934957	58.32	ng		99

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

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