Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092356.D
Acq On : 18 Jan 2017 17:35
Operator : UM/SJ
Sample : I1260-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 19 02:49:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 01:06:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	143702	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	599991	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	401597	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	607544	20.00	ng		0.00
75) Chrysene-d12	13.69	240	342836	20.00	ng		-0.01
86) Perylene-d12	15.03	264	357320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1379214	160.26	ng		0.02
7) Phenol-d6	6.22	99	1570991	149.51	ng		0.00
23) Nitrobenzene-d5	7.12	82	1185586	109.88	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	442947	133.28	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	2176924	115.73	ng		0.00
78) Terphenyl-d14	12.65	244	1883438	133.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	224750	53.04	ng	#	85
3) Pyridine	2.72	79	451226m	30.51	ng		
4) n-Nitrosodimethylamine	2.64	42	258747	46.39	ng		99
6) Aniline	6.22	93	125541	9.20	ng	#	26
8) 2-Chlorophenol	6.34	128	505186	51.60	ng		99
9) Benzaldehyde	6.11	77	24514	2.90	ng		97
10) Phenol	6.23	94	589873	49.26	ng	#	69
11) bis(2-Chloroethyl)ether	6.29	93	500163	52.50	ng		97
12) 1,3-Dichlorobenzene	6.48	146	534085	51.10	ng		97
13) 1,4-Dichlorobenzene	6.56	146	533569	50.16	ng		95
14) 1,2-Dichlorobenzene	6.71	146	473114	51.26	ng		99
15) Benzyl Alcohol	6.71	79	440845	54.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	721153	50.83	ng	#	34
17) 2-Methylphenol	6.84	107	417976	53.09	ng	#	88
18) Hexachloroethane	7.06	117	216665	54.94	ng		91
19) n-Nitroso-di-n-propylamine	6.99	70	409165	58.53	ng	#	85
20) 3+4-Methylphenols	7.00	107	585474	62.35	ng	#	71
22) Acetophenone	6.96	105	781574	52.81	ng	#	94
24) Nitrobenzene	7.14	77	563847	49.06	ng		99
25) Isophorone	7.39	82	1141343	57.33	ng		99
26) 2-Nitrophenol	7.46	139	293349	51.76	ng		98
27) 2,4-Dimethylphenol	7.51	122	460849	49.03	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	729788	60.45	ng		99
29) 2,4-Dichlorophenol	7.72	162	414648	52.09	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	419565	48.10	ng		96
31) Naphthalene	7.86	128	1521600	55.41	ng		99
32) Benzoic acid	7.70	122	293722	42.13	ng		99
33) 4-Chloroaniline	7.92	127	79721	6.44	ng		97
34) Hexachlorobutadiene	7.97	225	233385	50.69	ng		99
35) Caprolactam	8.30	113	114602m	43.81	ng		
36) 4-Chloro-3-methylphenol	8.43	107	454602	49.63	ng		98
37) 2-Methylnaphthalene	8.54	142	1067606	Below Cal			98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	428835	42.26	ng		99
40) Hexachlorocyclopentadiene	8.70	237	301968	67.48	ng		96

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

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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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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	287551	40.52	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	272043	37.25	ng	#	85
45) 1,1'-Biphenyl	9.01	154	1395633	50.75	ng		97
46) 2-Chloronaphthalene	9.03	162	1091671	50.13	ng		97
47) 2-Nitroaniline	9.15	65	350765	45.24	ng	#	62
48) Acenaphthylene	9.44	152	1687397	50.38	ng		99
49) Dimethylphthalate	9.33	163	1346351	52.42	ng		100
50) 2,6-Dinitrotoluene	9.39	165	282048	50.17	ng	#	83
51) Acenaphthene	9.62	154	1103629	48.61	ng		99
52) 3-Nitroaniline	9.56	138	73346	10.54	ng		83
53) 2,4-Dinitrophenol	9.67	184	318065	101.68	ng	#	74
54) Dibenzofuran	9.79	168	1478939	48.23	ng		98
55) 4-Nitrophenol	9.75	139	292946m	62.01	ng		
56) 2,4-Dinitrotoluene	9.80	165	377323	53.47	ng	#	67
57) Fluorene	10.13	166	1158811	51.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	285650	49.46	ng		94
59) Diethylphthalate	10.03	149	1248157	50.04	ng		94
60) 4-Chlorophenyl-phenylether	10.12	204	474023	48.53	ng		100
61) 4-Nitroaniline	10.18	138	303612	42.11	ng	#	78
62) Azobenzene	10.28	77	1367683	49.80	ng		97
64) 4,6-Dinitro-2-methylphenol	10.21	198	197862	53.86	ng		95
65) n-Nitrosodiphenylamine	10.24	169	973198	53.98	ng		98
66) 4-Bromophenyl-phenylether	10.61	248	347651	55.01	ng	#	88
67) Hexachlorobenzene	10.68	284	353042	52.26	ng	#	87
68) Atrazine	10.78	200	281097	48.34	ng		99
69) Pentachlorophenol	10.88	266	294205	88.76	ng		99
70) Phenanthrene	11.08	178	1536755	46.65	ng		99
71) Anthracene	11.14	178	1806266	Below Cal			99
72) Carbazole	11.30	167	1484498	Below Cal			99
73) Di-n-butylphthalate	11.64	149	2040763	67.42	ng	#	97
74) Fluoranthene	12.26	202	1573622	55.32	ng		98
76) Benzidine	12.39	184	230597	23.16	ng		97
77) Pyrene	12.49	202	1445983	57.49	ng		99
79) Butylbenzylphthalate	13.13	149	765710	66.93	ng	#	76
80) Benzo(a)anthracene	13.67	228	1164072	60.15	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	140745	19.18	ng		98
82) Chrysene	13.71	228	953201	49.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	935200	69.41	ng		98
84) Di-n-octyl phthalate	14.29	149	1537336	61.60	ng		98
85) Indeno(1,2,3-cd)pyrene	16.26	276	1246887	74.15	ng		99
87) Benzo(b)fluoranthene	14.68	252	1289312m	57.96	ng		
88) Benzo(k)fluoranthene	14.70	252	813135m	42.86	ng		
89) Benzo(a)pyrene	14.99	252	1031826	52.26	ng	#	96
90) Dibenzo(a,h)anthracene	16.27	278	1016913	62.66	ng	#	95
91) Benzo(g,h,i)perylene	16.62	276	1127976	66.84	ng		98

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

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