Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092357.D
Acq On : 18 Jan 2017 18:04
Operator : UM/SJ
Sample : I1260-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 19 02:52:39 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	148430	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	581811	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	391292	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	574505	20.00	ng		0.00
75) Chrysene-d12	13.69	240	306244	20.00	ng		-0.01
86) Perylene-d12	15.03	264	342936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1274199	143.34	ng		0.02
7) Phenol-d6	6.22	99	1620408	149.30	ng		0.00
23) Nitrobenzene-d5	7.12	82	1118830	106.93	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	429785	132.72	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	2043797	110.96	ng		0.00
78) Terphenyl-d14	12.65	244	1753192	138.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	196477	44.89	ng	#	83
3) Pyridine	2.72	79	376971m	24.68	ng		
4) n-Nitrosodimethylamine	2.64	42	256406	44.50	ng		95
6) Aniline	6.22	93	111193	7.89	ng	#	1
8) 2-Chlorophenol	6.34	128	503597	49.80	ng		98
9) Benzaldehyde	6.11	77	21171	2.38	ng		96
10) Phenol	6.23	94	574333	46.44	ng	#	69
11) bis(2-Chloroethyl)ether	6.29	93	494004	50.20	ng		97
12) 1,3-Dichlorobenzene	6.48	146	527934	48.91	ng		97
13) 1,4-Dichlorobenzene	6.56	146	536883	48.86	ng		94
14) 1,2-Dichlorobenzene	6.71	146	514557	53.97	ng		99
15) Benzyl Alcohol	6.71	79	458247	54.34	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	752410	51.34	ng	#	40
17) 2-Methylphenol	6.84	107	431997	53.12	ng	#	89
18) Hexachloroethane	7.06	117	208308	51.14	ng		89
19) n-Nitroso-di-n-propylamine	6.98	70	403498	55.88	ng		99
20) 3+4-Methylphenols	7.00	107	579691	59.76	ng	#	71
22) Acetophenone	6.96	105	775035	54.01	ng	#	95
24) Nitrobenzene	7.14	77	506161	45.42	ng		99
25) Isophorone	7.39	82	1021955	52.94	ng		99
26) 2-Nitrophenol	7.46	139	258804	47.09	ng		98
27) 2,4-Dimethylphenol	7.51	122	410619	45.05	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	653877	55.86	ng		99
29) 2,4-Dichlorophenol	7.71	162	402990	52.21	ng	#	83
30) 1,2,4-Trichlorobenzene	7.78	180	411253	48.62	ng		95
31) Naphthalene	7.86	128	1456747	54.71	ng		99
32) Benzoic acid	7.70	122	295436	43.70	ng		92
33) 4-Chloroaniline	7.94	127	55818	4.65	ng		96
34) Hexachlorobutadiene	7.97	225	235870	52.83	ng		98
35) Caprolactam	8.30	113	115852m	45.68	ng		
36) 4-Chloro-3-methylphenol	8.43	107	454406	51.16	ng		99
37) 2-Methylnaphthalene	8.54	142	910375	71.31	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	424944	42.98	ng		99
40) Hexachlorocyclopentadiene	8.70	237	308246	70.51	ng		97

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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	263494	38.11	ng		96
43) 2,4,5-Trichlorophenol	8.90	196	256727	36.08	ng	#	86
45) 1,1'-Biphenyl	9.01	154	1085186	40.50	ng		97
46) 2-Chloronaphthalene	9.03	162	841367	39.65	ng		96
47) 2-Nitroaniline	9.15	65	260470	34.48	ng	#	65
48) Acenaphthylene	9.44	152	1601470	49.08	ng		99
49) Dimethylphthalate	9.33	163	1118992	44.71	ng		100
50) 2,6-Dinitrotoluene	9.39	165	235848	43.06	ng	#	80
51) Acenaphthene	9.62	154	1084082	49.00	ng		100
52) 3-Nitroaniline	9.56	138	47431	7.00	ng		88
53) 2,4-Dinitrophenol	9.67	184	312556	102.55	ng	#	76
54) Dibenzofuran	9.79	168	1473417	49.32	ng		98
55) 4-Nitrophenol	9.75	139	254171m	55.22	ng		
56) 2,4-Dinitrotoluene	9.80	165	361864	52.63	ng	#	70
57) Fluorene	10.13	166	1128677	51.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	280428	49.83	ng		94
59) Diethylphthalate	10.03	149	1245602	51.25	ng		94
60) 4-Chlorophenyl-phenylether	10.12	204	455678	47.88	ng		98
61) 4-Nitroaniline	10.16	138	233078	33.18	ng		93
62) Azobenzene	10.28	77	1324593	49.50	ng		98
64) 4,6-Dinitro-2-methylphenol	10.21	198	185992	53.54	ng		96
65) n-Nitrosodiphenylamine	10.24	169	897305	52.64	ng		99
66) 4-Bromophenyl-phenylether	10.61	248	345580	57.83	ng		91
67) Hexachlorobenzene	10.68	284	343390	53.76	ng	#	88
68) Atrazine	10.78	200	233994	42.55	ng		98
69) Pentachlorophenol	10.88	266	276057	88.07	ng		99
70) Phenanthrene	11.08	178	1496840	48.05	ng		99
71) Anthracene	11.14	178	1726675	Below Cal			98
72) Carbazole	11.30	167	1369264	Below Cal			98
73) Di-n-butylphthalate	11.64	149	1894128	66.09	ng	#	96
74) Fluoranthene	12.26	202	1397428	51.70	ng		98
76) Benzidine	12.39	184	67039	5.34	ng		97
77) Pyrene	12.49	202	1350409	60.10	ng		99
79) Butylbenzylphthalate	13.13	149	667191	65.29	ng	#	74
80) Benzo(a)anthracene	13.67	228	1081096	62.54	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	114101	17.41	ng		97
82) Chrysene	13.71	228	878350	50.65	ng		98
83) Bis(2-ethylhexyl)phthalate	13.69	149	841373	69.91	ng	#	97
84) Di-n-octyl phthalate	14.29	149	1372346	61.56	ng		97
85) Indeno(1,2,3-cd)pyrene	16.26	276	1244820	82.87	ng		98
87) Benzo(b)fluoranthene	14.68	252	1250004m	58.55	ng		
88) Benzo(k)fluoranthene	14.70	252	780894m	42.89	ng		
89) Benzo(a)pyrene	14.98	252	1015044	53.56	ng	#	97
90) Dibenzo(a,h)anthracene	16.27	278	1027764	65.98	ng		96
91) Benzo(g,h,i)perylene	16.62	276	1126050	69.53	ng		98

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

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