Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
Data File : BF090191.D
Acq On : 22 Sep 2016 17:12
Operator : UM/SJ
Sample : H4856-09MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-8-1.5-2.5FTMS

Quant Time: Sep 23 01:10:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 01:02:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	175055	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	696035	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	338104	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	497152	20.00	ng		0.00
75) Chrysene-d12	13.61	240	266306	20.00	ng		0.00
86) Perylene-d12	14.94	264	292348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	1070509	99.68	ng		0.02
7) Phenol-d6	6.17	99	1525936	115.05	ng		0.01
23) Nitrobenzene-d5	7.07	82	915480	76.24	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	287257	99.03	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	1551087	90.06	ng		0.00
78) Terphenyl-d14	12.58	244	911896	86.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	164716	28.27	ng		97
3) Pyridine	2.55	79	372822	29.50	ng		99
4) n-Nitrosodimethylamine	2.50	42	155987	41.36	ng		93
6) Aniline	6.16	93	216465	13.09	ng	#	90
8) 2-Chlorophenol	6.28	128	454809	36.81	ng		92
9) Benzaldehyde	6.03	77	50111	8.67	ng		99
10) Phenol	6.18	94	656097	41.84	ng	#	64
11) bis(2-Chloroethyl)ether	6.25	93	469387	38.39	ng		96
12) 1,3-Dichlorobenzene	6.43	146	474532	36.76	ng		96
13) 1,4-Dichlorobenzene	6.51	146	475258	36.06	ng		97
14) 1,2-Dichlorobenzene	6.67	146	464593	39.57	ng		95
15) Benzyl Alcohol	6.66	79	342317	43.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	522677	35.77	ng		87
17) 2-Methylphenol	6.79	107	381094	39.15	ng		96
18) Hexachloroethane	7.02	117	186884	39.75	ng	#	79
19) n-Nitroso-di-n-propylamine	6.94	70	342004	43.90	ng		97
20) 3+4-Methylphenols	6.95	107	500526	42.83	ng		96
22) Acetophenone	6.92	105	615393	36.66	ng	#	98
24) Nitrobenzene	7.10	77	516521	41.29	ng		92
25) Isophorone	7.34	82	946719	37.74	ng		97
26) 2-Nitrophenol	7.42	139	262947	42.68	ng	#	85
27) 2,4-Dimethylphenol	7.47	122	437307	39.95	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	642526	42.34	ng		99
29) 2,4-Dichlorophenol	7.66	162	362442	37.75	ng		87
30) 1,2,4-Trichlorobenzene	7.74	180	386198	40.27	ng		99
31) Naphthalene	7.82	128	1403001	42.33	ng		99
32) Benzoic acid	7.55	122	15803	2.10	ng		93
33) 4-Chloroaniline	7.87	127	118339	8.61	ng		96
34) Hexachlorobutadiene	7.94	225	205702	40.66	ng		98
35) Caprolactam	8.25	113	100343m	31.58	ng		
36) 4-Chloro-3-methylphenol	8.38	107	409800	37.77	ng		96
37) 2-Methylnaphthalene	8.50	142	827274	40.14	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	312575	40.28	ng		98
40) Hexachlorocyclopentadiene	8.66	237	310513	81.08	ng		99

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Instrument : BNA_F
ClientSampleId : BH-8-1.5-2.5FTMS

Quant Time: Sep 23 01:10:00 2016
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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	8.79	196	228424	41.30	ng		98
43) 2,4,5-Trichlorophenol	8.83	196	223194	38.98	ng	#	88
45) 1,1'-Biphenyl	8.97	154	939445	38.84	ng		97
46) 2-Chloronaphthalene	8.98	162	762587	42.73	ng		97
47) 2-Nitroaniline	9.10	65	234450	43.58	ng	#	79
48) Acenaphthylene	9.39	152	1081217	37.31	ng		99
49) Dimethylphthalate	9.29	163	1378236	64.00	ng		100
50) 2,6-Dinitrotoluene	9.34	165	183615	38.26	ng		97
51) Acenaphthene	9.56	154	645331	37.51	ng		99
52) 3-Nitroaniline	9.50	138	141152	25.08	ng		87
53) 2,4-Dinitrophenol	9.61	184	52974	22.10	ng		93
54) Dibenzofuran	9.74	168	936338	41.36	ng		95
55) 4-Nitrophenol	9.69	139	253548	65.77	ng		96
56) 2,4-Dinitrotoluene	9.74	165	210193	37.04	ng		95
57) Fluorene	10.08	166	718192	42.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.86	232	174105	40.61	ng		98
59) Diethylphthalate	9.98	149	916355	44.06	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	308852	39.70	ng		91
61) 4-Nitroaniline	10.11	138	197414	34.42	ng		90
62) Azobenzene	10.24	77	1010395	46.67	ng		92
64) 4,6-Dinitro-2-methylphenol	10.15	198	86275	27.71	ng		87
65) n-Nitrosodiphenylamine	10.20	169	743958	45.51	ng		100
66) 4-Bromophenyl-phenylether	10.56	248	201710	41.23	ng	#	81
67) Hexachlorobenzene	10.62	284	238293	41.79	ng	#	83
68) Atrazine	10.74	200	216445	48.32	ng		97
69) Pentachlorophenol	10.82	266	204306	63.13	ng		98
70) Phenanthrene	11.03	178	1038290	44.66	ng		99
71) Anthracene	11.07	178	993975	40.76	ng		99
72) Carbazole	11.23	167	926231	35.93	ng		98
73) Di-n-butylphthalate	11.59	149	1252778	41.79	ng		100
74) Fluoranthene	12.21	202	952004	38.15	ng		91
76) Benzidine	12.33	184	102694	11.52	ng		99
77) Pyrene	12.42	202	834267	45.78	ng		99
79) Butylbenzylphthalate	13.06	149	404969	45.43	ng	#	75
80) Benzo(a)anthracene	13.60	228	655637	45.76	ng		99
81) 3,3'-Dichlorobenzidine	13.58	252	95813	16.22	ng	#	97
82) Chrysene	13.65	228	617673	44.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	553813	48.55	ng		100
84) Di-n-octyl phthalate	14.24	149	919912	46.81	ng		100
85) Indeno(1,2,3-cd)pyrene	16.10	276	654225	57.98	ng		97
87) Benzo(b)fluoranthene	14.59	252	640917m	39.59	ng		
88) Benzo(k)fluoranthene	14.62	252	639434m	42.09	ng		
89) Benzo(a)pyrene	14.89	252	631050	41.44	ng	#	96
90) Dibenzo(a,h)anthracene	16.11	278	557886	46.95	ng		98
91) Benzo(g,h,i)perylene	16.45	276	534272	45.94	ng		95

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

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