Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076720.D
Acq On : 1 Jan 2015 1:02
Operator : IZ / TP
Sample : F5235-01MS
Misc : W
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOILCUTTINGSMS

Quant Time: Jan 01 07:19:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 01 04:13:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	35979	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	153336	20.00	ng		0.00
38) Acenaphthene-d10	10.45	164	84841	20.00	ng		0.00
63) Phenanthrene-d10	12.25	188	139247	20.00	ng		0.00
75) Chrysene-d12	15.49	240	133875	20.00	ng		0.00
86) Perylene-d12	17.13	264	130656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	290775	137.01	ng		0.00
7) Phenol-d6	6.32	99	346443	133.66	ng		0.00
23) Nitrobenzene-d5	7.43	82	248643	96.44	ng		0.00
41) 2,4,6-Tribromophenol	11.42	330	107120	149.39	ng		0.00
44) 2-Fluorobiphenyl	9.65	172	481646	88.35	ng		0.00
78) Terphenyl-d14	14.24	244	526461	86.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	30346	33.45	ng	#	100
3) Pyridine	1.96	79	81843	35.84	ng		94
4) n-Nitrosodimethylamine	1.89	42	49952	45.22	ng		92
6) Aniline	6.30	93	39346	10.63	ng	#	85
8) 2-Chlorophenol	6.45	128	114223	47.00	ng		94
9) Benzaldehyde	6.42	77	8771	4.45	ng	#	78
10) Phenol	6.33	94	119794	38.08	ng		86
11) bis(2-Chloroethyl)ether	6.42	93	115233	50.89	ng		96
12) 1,3-Dichlorobenzene	6.63	146	125704	44.55	ng	#	94
13) 1,4-Dichlorobenzene	6.74	146	128639	45.02	ng		99
14) 1,2-Dichlorobenzene	6.93	146	130427	48.13	ng		97
15) Benzyl Alcohol	6.93	79	108083	48.16	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	157374	47.97	ng		96
17) 2-Methylphenol	7.10	107	88633	44.38	ng		96
18) Hexachloroethane	7.34	117	49733	48.69	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	83314	44.01	ng		98
20) 3+4-Methylphenols	7.29	107	117876	43.71	ng		99
22) Acetophenone	7.25	105	189437	51.55	ng	#	99
24) Nitrobenzene	7.45	77	137551	51.45	ng		97
25) Isophorone	7.76	82	242383	48.78	ng		96
26) 2-Nitrophenol	7.84	139	60137	46.06	ng	#	69
27) 2,4-Dimethylphenol	7.94	122	102461	48.49	ng		90
28) bis(2-Chloroethoxy)methane	8.06	93	153469	52.61	ng		100
29) 2,4-Dichlorophenol	8.15	162	99324	47.82	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	111669	49.87	ng	#	96
31) Naphthalene	8.32	128	374595	49.31	ng		100
32) Benzoic acid	8.06	122	12939	14.06	ng	#	88
33) 4-Chloroaniline	8.42	127	23925	7.72	ng	#	95
34) Hexachlorobutadiene	8.49	225	63784	49.00	ng		93
35) Caprolactam	8.85	113	24705	41.26	ng		95
36) 4-Chloro-3-methylphenol	9.05	107	102828	44.49	ng		91
37) 2-Methylnaphthalene	9.18	142	248368	46.86	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	101772	48.76	ng	#	78
40) Hexachlorocyclopentadiene	9.37	237	99693	82.30	ng		94

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076720.D
Acq On : 1 Jan 2015 1:02
Operator : IZ / TP
Sample : F5235-01MS
Misc : W
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOILCUTTINGSMS

Quant Time: Jan 01 07:19:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 01 04:13:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	69585	45.96	ng		99
43) 2,4,5-Trichlorophenol	9.59	196	69951m	42.94	ng		
45) 1,1'-Biphenyl	9.76	154	302104	47.93	ng		97
46) 2-Chloronaphthalene	9.77	162	246554	49.32	ng		97
47) 2-Nitroaniline	9.92	65	78706	51.76	ng	#	67
48) Acenaphthylene	10.28	152	392311	46.14	ng		99
49) Dimethylphthalate	10.17	163	306123	51.01	ng		99
50) 2,6-Dinitrotoluene	10.23	165	61856	50.30	ng	#	56
51) Acenaphthene	10.48	154	217146	45.14	ng		99
52) 3-Nitroaniline	10.42	138	26556	19.02	ng		100
53) 2,4-Dinitrophenol	10.56	184	24054	43.10	ng	#	83
54) Dibenzofuran	10.70	168	322122	46.29	ng		97
55) 4-Nitrophenol	10.67	139	90696m	84.72	ng		
56) 2,4-Dinitrotoluene	10.72	165	86923	53.04	ng		89
57) Fluorene	11.12	166	295600	50.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	57494	47.46	ng	#	100
59) Diethylphthalate	11.04	149	315102	51.40	ng		96
60) 4-Chlorophenyl-phenylether	11.15	204	128105	50.65	ng		90
61) 4-Nitroaniline	11.17	138	60964	41.54	ng		93
62) Azobenzene	11.34	77	297400	49.23	ng		98
64) 4,6-Dinitro-2-methylphenol	11.21	198	24496	28.12	ng		85
65) n-Nitrosodiphenylamine	11.29	169	233302	47.69	ng		99
66) 4-Bromophenyl-phenylether	11.74	248	75198	55.44	ng	#	78
67) Hexachlorobenzene	11.79	284	80767	51.02	ng	#	88
68) Atrazine	11.98	200	80084	54.79	ng		97
69) Pentachlorophenol	12.04	266	76496	98.71	ng		95
70) Phenanthrene	12.29	178	420511	50.05	ng		99
71) Anthracene	12.35	178	407133	49.39	ng		99
72) Carbazole	12.56	167	377448	47.21	ng		99
73) Di-n-butylphthalate	13.04	149	525247	53.49	ng		99
74) Fluoranthene	13.74	202	438627	51.13	ng		95
76) Benzidine	13.93	184	76338	13.68	ng		99
77) Pyrene	14.00	202	440066	46.99	ng		97
79) Butylbenzylphthalate	14.87	149	235638	52.63	ng	#	74
80) Benzo(a)anthracene	15.48	228	420520	50.44	ng		98
81) 3,3'-Dichlorobenzidine	15.48	252	57701	20.71	ng	#	97
82) Chrysene	15.52	228	394219	51.68	ng		98
83) Bis(2-ethylhexyl)phthalate	15.60	149	353661	52.21	ng	#	97
84) Di-n-octyl phthalate	16.36	149	617333	53.37	ng		100
85) Indeno(1,2,3-cd)pyrene	18.25	276	440545	52.62	ng		98
87) Benzo(b)fluoranthene	16.72	252	416769m	48.35	ng		
88) Benzo(k)fluoranthene	16.75	252	357166m	44.49	ng		
89) Benzo(a)pyrene	17.07	252	371849	48.35	ng	#	96
90) Dibenzo(a,h)anthracene	18.29	278	374640	49.15	ng	#	97
91) Benzo(g,h,i)perylene	18.56	276	382566	51.58	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076720.D
Acq On : 1 Jan 2015 1:02
Operator : IZ / TP
Sample : F5235-01MS
Misc : W
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOILCUTTINGSMS

Quant Time: Jan 01 07:19:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 01 04:13:18 2015
Response via : Initial Calibration