Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105158.D
Acq On : 8 May 2018 21:39
Operator : JU/SJ
Sample : J2133-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:01 PM

Quant Time: May 09 09:10:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	203314	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	817054	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	401968	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	788441	20.00	ng		0.00
75) Chrysene-d12	14.01	240	668297	20.00	ng		0.00
86) Perylene-d12	15.56	264	586327	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1566928	126.97	ng		0.00
7) Phenol-d6	6.42	99	1879077	127.87	ng		0.00
23) Nitrobenzene-d5	7.36	82	1119035	92.82	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	603886	136.17	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2007268	77.51	ng		0.00
78) Terphenyl-d14	12.91	244	2270751	78.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	12471	1.911	ng		87
3) Pyridine	3.35	79	31802	1.817	ng	#	78
4) n-Nitrosodimethylamine	3.19	42	14109	1.591	ng	#	77
6) Aniline	6.46	93	44017	2.051	ng		96
8) 2-Chlorophenol	6.57	128	29063	2.220	ng		92
9) Benzaldehyde	6.35	77	12758	1.133	ng		97
10) Phenol	6.43	94	32033	1.959	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	30582	2.269	ng		91
12) 1,3-Dichlorobenzene	6.73	146	36741	2.328	ng		96
13) 1,4-Dichlorobenzene	6.81	146	36529	2.315	ng		97
14) 1,2-Dichlorobenzene	6.96	146	34126	2.345	ng		96
15) Benzyl Alcohol	6.93	79	25465	2.264	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	52701	2.104	ng		97
17) 2-Methylphenol	7.03	107	24153	2.137	ng		95
18) Hexachloroethane	7.30	117	11421	2.249	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	21013	2.160	ng		91
20) 3+4-Methylphenols	7.19	107	31526	2.373	ng		92
22) Acetophenone	7.20	105	47106	2.473	ng	#	97
24) Nitrobenzene	7.37	77	35235	2.578	ng		98
25) Isophorone	7.60	82	51137	1.897	ng		95
26) 2-Nitrophenol	7.69	139	9119	11.249	ng	#	94
27) 2,4-Dimethylphenol	7.72	122	18909	1.578	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	35155	2.113	ng		99
29) 2,4-Dichlorophenol	7.92	162	22303	1.990	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	29657	2.294	ng		94
31) Naphthalene	8.09	128	91734	2.332	ng		99
32) Benzoic acid	7.76	122	7467	10.176	ng		91
33) 4-Chloroaniline	8.14	127	33389	2.041	ng		95
34) Hexachlorobutadiene	8.21	225	17870	2.386	ng		96
35) Caprolactam	8.46	113	5569	1.636	ng	#	78
36) 4-Chloro-3-methylphenol	8.61	107	22056	1.890	ng		95
37) 2-Methylnaphthalene	8.78	142	61295	2.235	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	30960	2.420	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	11842	1.712	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105158.D
Acq On : 8 May 2018 21:39
Operator : JU/SJ
Sample : J2133-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:01 PM

Quant Time: May 09 09:10:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	15132	1.939	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	17036	2.089	ng		92
45) 1,1'-Biphenyl	9.25	154	88443	2.700	ng		97
46) 2-Chloronaphthalene	9.27	162	59571	2.434	ng		97
47) 2-Nitroaniline	9.36	65	11092	7.182	ng		86
48) Acenaphthylene	9.69	152	89448	2.366	ng		100
49) Dimethylphthalate	9.54	163	67094	2.466	ng		99
50) 2,6-Dinitrotoluene	9.60	165	10550	1.787	ng	#	87
51) Acenaphthene	9.86	154	60703	2.491	ng		97
52) 3-Nitroaniline	9.77	138	11993	1.928	ng	#	94
53) 2,4-Dinitrophenol	9.87	184	1353	10.193	ng	#	26
54) Dibenzofuran	10.03	168	85473	2.398	ng		98
55) 4-Nitrophenol	9.92	139	7252	5.526	ng		94
56) 2,4-Dinitrotoluene	10.00	165	12401	5.069	ng		98
57) Fluorene	10.37	166	67335	2.576	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	13436	1.846	ng	#	87
59) Diethylphthalate	10.25	149	63887	2.389	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	32428	2.665	ng		91
61) 4-Nitroaniline	10.37	138	11287	1.824	ng		91
62) Azobenzene	10.53	77	61032	2.188	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	3235	9.910	ng		97
65) n-Nitrosodiphenylamine	10.49	169	54414	2.214	ng		93
66) 4-Bromophenyl-phenylether	10.86	248	18596	2.211	ng	#	88
67) Hexachlorobenzene	10.92	284	22506	2.323	ng	#	83
68) Atrazine	11.00	200	10396	1.350	ng		97
69) Pentachlorophenol	11.11	266	9171	4.765	ng		95
70) Phenanthrene	11.33	178	101841	2.450	ng		97
71) Anthracene	11.39	178	98170	2.324	ng		98
72) Carbazole	11.54	167	88185	2.317	ng		97
73) Di-n-butylphthalate	11.88	149	82647	2.030	ng		98
74) Fluoranthene	12.52	202	97990	2.262	ng		97
76) Benzidine	12.65	184	10863m	0.435	ng		
77) Pyrene	12.75	202	104763	2.155	ng		97
79) Butylbenzylphthalate	13.40	149	21851	7.965	ng	#	97
80) Benzo(a)anthracene	14.00	228	86382	2.131	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	19306	1.267	ng		88
82) Chrysene	14.03	228	93919	2.250	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	34519	1.718	ng		98
84) Di-n-octyl phthalate	14.69	149	38811	7.787	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	53519	1.618	ng		95
87) Benzo(b)fluoranthene	15.13	252	71289	1.987	ng		96
88) Benzo(k)fluoranthene	15.16	252	74006	2.128	ng	#	95
89) Benzo(a)pyrene	15.49	252	60561	1.856	ng		97
90) Dibenzo(a,h)anthracene	17.02	278	44071	1.739	ng		96
91) Benzo(g,h,i)perylene	17.43	276	43681	1.762	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105158.D
Acq On : 8 May 2018 21:39
Operator : JU/SJ
Sample : J2133-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 09 09:10:45 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:01 PM