Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115846.D
Acq On : 30 Jul 2019 17:15
Operator : HP/JU
Sample : K3591-01
Misc : LOD-SOIL-5PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT3-2019

Quant Time: Jul 31 04:37:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137429	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	542425	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	289215	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	501742	20.00	ng		0.00
76) Chrysene-d12	14.02	240	392134	20.00	ng		0.00
87) Perylene-d12	15.49	264	373983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1001190	121.96	ng		0.00
7) Phenol-d6	6.49	99	1248940	120.58	ng		0.00
23) Nitrobenzene-d5	7.42	82	780784	83.09	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	337573	120.39	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1299920	84.19	ng		0.00
79) Terphenyl-d14	12.96	244	1390353	74.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	22035	5.313	ng		99
3) Pyridine	3.45	79	48066	4.149	ng		95
4) n-Nitrosodimethylamine	3.31	42	21277	4.654	ng	#	99
6) Aniline	6.52	93	76919	5.186	ng		98
8) 2-Chlorophenol	6.64	128	47463	5.228	ng		98
9) Benzaldehyde	6.40	77	41823	5.852	ng		99
10) Phenol	6.49	94	65261	5.351	ng		84
11) bis(2-Chloroethyl)ether	6.59	93	46310	5.164	ng		96
12) 1,3-Dichlorobenzene	6.79	146	53725	5.121	ng		96
13) 1,4-Dichlorobenzene	6.87	146	54810	5.218	ng		98
14) 1,2-Dichlorobenzene	7.02	146	50758	5.248	ng		99
15) Benzyl Alcohol	6.99	79	48890	6.220	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	60623	4.956	ng		98
17) 2-Methylphenol	7.10	107	40132	5.221	ng		97
18) Hexachloroethane	7.36	117	18812	4.864	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	33274	5.184	ng		95
20) 3+4-Methylphenols	7.26	107	52474	5.769	ng	#	47
22) Acetophenone	7.26	105	69902	5.876	ng		97
24) Nitrobenzene	7.43	77	56729	5.591	ng		97
25) Isophorone	7.67	82	90225	5.021	ng		99
26) 2-Nitrophenol	7.75	139	22010	4.602	ng		96
27) 2,4-Dimethylphenol	7.79	122	41296	5.739	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	55519	4.985	ng		97
29) 2,4-Dichlorophenol	7.99	162	37869	4.984	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	43768	5.054	ng		98
31) Naphthalene	8.15	128	146688	5.747	ng		98
32) Benzoic acid	7.89	122	14335	2.826	ng		86
33) 4-Chloroaniline	8.20	127	58889	5.163	ng		98
34) Hexachlorobutadiene	8.27	225	24240	4.859	ng		99
35) Caprolactam	8.53	113	11798	4.801	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	40684	5.147	ng		96
37) 2-Methylnaphthalene	8.85	142	96188	5.722	ng		96
38) 1-Methylnaphthalene	8.95	142	88332	5.554	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	40826	5.280	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115846.D
Acq On : 30 Jul 2019 17:15
Operator : HP/JU
Sample : K3591-01
Misc : LOD-SOIL-5PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-SOIL-01-QT3-2019

Quant Time: Jul 31 04:37:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	6077	2.011	ng		93
43) 2,4,6-Trichlorophenol	9.13	196	23730	4.459	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	25890	4.706	ng		95
46) 1,1'-Biphenyl	9.31	154	117234	5.742	ng		98
47) 2-Chloronaphthalene	9.34	162	88007	5.179	ng		98
48) 2-Nitroaniline	9.43	65	25886	4.608	ng		91
49) Acenaphthylene	9.75	152	138716	5.595	ng		98
50) Dimethylphthalate	9.60	163	96921	4.922	ng		99
51) 2,6-Dinitrotoluene	9.67	165	21086	4.927	ng		92
52) Acenaphthene	9.92	154	84669	5.567	ng		99
53) 3-Nitroaniline	9.84	138	23846	4.510	ng		93
54) 2,4-Dinitrophenol	9.97	184	2718	1.496	ng	#	85
55) Dibenzofuran	10.10	168	127434	5.761	ng		98
56) 4-Nitrophenol	10.02	139	11061	3.265	ng		93
57) 2,4-Dinitrotoluene	10.08	165	25513	4.478	ng	#	94
58) Fluorene	10.44	166	98391	5.782	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	21930	4.738	ng	#	99
60) Diethylphthalate	10.31	149	92465	5.029	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	46865	5.437	ng		93
62) 4-Nitroaniline	10.45	138	24233	4.434	ng		98
63) Azobenzene	10.59	77	102278	5.409	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	7423	2.792	ng		91
66) n-Nitrosodiphenylamine	10.55	169	84185	5.574	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	27285	5.080	ng		95
68) Hexachlorobenzene	10.99	284	30682	4.940	ng		93
69) Atrazine	11.07	200	23654	4.761	ng		96
70) Pentachlorophenol	11.19	266	8599	2.852	ng		95
71) Phenanthrene	11.40	178	148357	5.784	ng		97
72) Anthracene	11.46	178	148098	5.705	ng		98
73) Carbazole	11.61	167	130708	5.550	ng		97
74) Di-n-butylphthalate	11.94	149	131329	4.780	ng		98
75) Fluoranthene	12.59	202	146498	5.456	ng		99
77) Benzidine	12.71	184	57865	4.368	ng		97
78) Pyrene	12.82	202	155575	5.263	ng		98
80) Butylbenzylphthalate	13.43	149	50677	4.053	ng		96
81) Benzo(a)anthracene	14.01	228	127918	5.104	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	42939	4.931	ng	#	99
83) Chrysene	14.04	228	126122	5.183	ng		97
84) Bis(2-ethylhexyl)phthalate	14.00	149	68016	4.186	ng		98
85) Di-n-octyl phthalate	14.61	149	105033	4.070	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	94186	4.609	ng		98
88) Benzo(b)fluoranthene	15.06	252	109821	5.079	ng		99
89) Benzo(k)fluoranthene	15.09	252	105408	5.005	ng		97
90) Benzo(a)pyrene	15.43	252	97426	5.040	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	77660	4.641	ng		98
92) Benzo(g,h,i)perylene	17.40	276	76750	4.671	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115846.D
Acq On : 30 Jul 2019 17:15
Operator : HP/JU
Sample : K3591-01
Misc : LOD-SOIL-5PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Quant Time: Jul 31 04:37:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration