Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114977.D
Acq On : 12 Jun 2019 16:24
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-5PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/14/2019 8:46:27 AM

Quant Time: Jun 13 11:00:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	277308	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1075260	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	529553	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1049307	20.00	ng		0.00
76) Chrysene-d12	13.77	240	763485	20.00	ng		-0.01
87) Perylene-d12	15.16	264	728046	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2031320	122.31	ng		0.00
7) Phenol-d6	6.30	99	2496532	124.62	ng		0.00
23) Nitrobenzene-d5	7.22	82	1529925	85.64	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	757763	133.63	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2680368	85.79	ng		0.00
79) Terphenyl-d14	12.74	244	2924858	72.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	36794	4.733	ng		98
3) Pyridine	3.06	79	85736	3.917	ng		99
4) n-Nitrosodimethylamine	2.89	42	33849	4.356	ng		97
6) Aniline	6.31	93	136442	5.086	ng		95
8) 2-Chlorophenol	6.43	128	98746	5.244	ng		98
9) Benzaldehyde	6.19	77	79975	6.944	ng		99
10) Phenol	6.30	94	120051	5.356	ng		97
11) bis(2-Chloroethyl)ether	6.39	93	90606	5.208	ng		98
12) 1,3-Dichlorobenzene	6.59	146	112338	5.107	ng		99
13) 1,4-Dichlorobenzene	6.66	146	115984	5.245	ng		96
14) 1,2-Dichlorobenzene	6.82	146	107474	5.162	ng		99
15) Benzyl Alcohol	6.79	79	97858	6.520	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	119138	5.117	ng		98
17) 2-Methylphenol	6.91	107	81886	5.213	ng		95
18) Hexachloroethane	7.16	117	37843	4.739	ng		95
19) n-Nitroso-di-n-propylamine	7.06	70	66935	5.499	ng		98
20) 3+4-Methylphenols	7.06	107	106407	5.692	ng		94
22) Acetophenone	7.05	105	142747	5.865	ng	#	93
24) Nitrobenzene	7.23	77	105382	5.798	ng		95
25) Isophorone	7.46	82	179042	5.351	ng		96
26) 2-Nitrophenol	7.55	139	52531	5.185	ng		98
27) 2,4-Dimethylphenol	7.59	122	77599	5.310	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	116401	5.423	ng		97
29) 2,4-Dichlorophenol	7.79	162	84082	5.446	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	95515	5.354	ng		98
31) Naphthalene	7.95	128	310603	6.105	ng		96
32) Benzoic acid	7.66	122	29089	2.751	ng		95
33) 4-Chloroaniline	8.00	127	125973	5.364	ng		98
34) Hexachlorobutadiene	8.07	225	51685	5.212	ng		99
35) Caprolactam	8.33	113	26083	5.072	ng		97
36) 4-Chloro-3-methylphenol	8.48	107	85482	5.494	ng		95
37) 2-Methylnaphthalene	8.64	142	209969	6.188	ng		97
38) 1-Methylnaphthalene	8.74	142	198577	6.192	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.80	216	89516	5.722	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114977.D
Acq On : 12 Jun 2019 16:24
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-5PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/14/2019 8:46:27 AM

Quant Time: Jun 13 11:00:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	22157	2.874	ng		97
43) 2,4,6-Trichlorophenol	8.92	196	57581	4.928	ng		99
44) 2,4,5-Trichlorophenol	8.96	196	59390	5.029	ng		97
46) 1,1'-Biphenyl	9.10	154	253641	5.977	ng		96
47) 2-Chloronaphthalene	9.12	162	195308	5.692	ng		98
48) 2-Nitroaniline	9.22	65	48812	4.813	ng		99
49) Acenaphthylene	9.53	152	316153	5.992	ng		97
50) Dimethylphthalate	9.40	163	216401	5.434	ng		99
51) 2,6-Dinitrotoluene	9.46	165	47859	5.298	ng		89
52) Acenaphthene	9.70	154	179764	5.955	ng		99
53) 3-Nitroaniline	9.62	138	53187	4.805	ng		98
54) 2,4-Dinitrophenol	9.73	184	10368	2.366	ng		91
55) Dibenzofuran	9.87	168	274231	6.028	ng		97
56) 4-Nitrophenol	9.79	139	31815	4.168	ng		98
57) 2,4-Dinitrotoluene	9.86	165	63125	5.490	ng		98
58) Fluorene	10.22	166	211567	6.358	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	50935	5.340	ng		99
60) Diethylphthalate	10.10	149	212833	5.589	ng		97
61) 4-Chlorophenyl-phenylether	10.22	204	100432	6.115	ng		92
62) 4-Nitroaniline	10.23	138	53951	4.848	ng		94
63) Azobenzene	10.37	77	193980	5.823	ng		98
65) 4,6-Dinitro-2-methylphenol	10.27	198	22408	3.810	ng		88
66) n-Nitrosodiphenylamine	10.33	169	182287	5.812	ng		98
67) 4-Bromophenyl-phenylether	10.70	248	60745	5.392	ng		93
68) Hexachlorobenzene	10.77	284	67360	5.431	ng	#	91
69) Atrazine	10.86	200	54999	5.439	ng		96
70) Pentachlorophenol	10.96	266	26532	3.939	ng		98
71) Phenanthrene	11.17	178	323633	5.974	ng		97
72) Anthracene	11.22	178	323198	5.913	ng		97
73) Carbazole	11.37	167	291288	6.106	ng		96
74) Di-n-butylphthalate	11.72	149	334680	5.565	ng		97
75) Fluoranthene	12.35	202	330035	5.957	ng		98
77) Benzidine	12.47	184	123184	3.989	ng		98
78) Pyrene	12.57	202	338648	4.869	ng		97
80) Butylbenzylphthalate	13.20	149	136610	4.205	ng		94
81) Benzo(a)anthracene	13.76	228	294173	5.149	ng		97
82) 3,3'-Dichlorobenzidine	13.73	252	100039	4.567	ng		96
83) Chrysene	13.79	228	283919	4.997	ng		97
84) Bis(2-ethylhexyl)phthalate	13.77	149	181396	4.724	ng		99
85) Di-n-octyl phthalate	14.39	149	321208	4.858	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	219744	4.403	ng		99
88) Benzo(b)fluoranthene	14.77	252	250544	5.177	ng		99
89) Benzo(k)fluoranthene	14.80	252	254382m	5.988	ng		
90) Benzo(a)pyrene	15.10	252	230646	5.523	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	185444	5.156	ng		98
92) Benzo(g,h,i)perylene	16.84	276	179267	4.887	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114977.D
Acq On : 12 Jun 2019 16:24
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-5PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 13 11:00:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/14/2019 8:46:27 AM