Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009735.D
Acq On : 17 Feb 2020 13:08
Operator : CG/JU
Sample : K5695-04
Misc : MDL-SOIL-04
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:26 AM

Quant Time: Feb 17 14:20:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	99638	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	407943	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	257345	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	569975	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	552567	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	561763	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	13070	5.39	ng/uL	0.00
5) Phenol-d5	6.62	99	251085	29.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	178349	30.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	200967	31.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	196135	29.09	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	95069	31.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	103983	31.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	181531	28.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	264357	37.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	625443	32.54	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	734591	32.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	93414	26.61	ng/ul	0.00
58) Fluorene-d10	15.06	176	527887	31.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	88705	25.05	ng/ul	0.00
71) Anthracene-d10	16.91	188	818979	31.35	ng/ul	0.00
79) Pyrene-d10	19.22	212	870968	30.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	876150	31.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	2894	1.040	ng/uL	92
4) Benzaldehyde	6.59	77	20662	3.666	ng/ul	97
6) Phenol	6.64	94	29217	3.217	ng/ul#	84
8) Bis(2-Chloroethyl)ether	6.86	93	23669	3.316	ng/ul	96
10) 2-Chlorophenol	6.99	128	22004	3.274	ng/ul	95
11) 2-Methylphenol	7.88	108	19477	2.931	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.95	45	63809	3.647	ng/ul#	95
14) Acetophenone	8.24	105	34425	3.134	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	18554	3.232	ng/ul	98
16) 4-Methylphenol	8.20	108	20792	2.851	ng/ul	92
17) Hexachloroethane	8.47	117	9989	3.267	ng/ul	98
20) Nitrobenzene	8.60	77	31079	3.534	ng/ul	98
21) Isophorone	9.13	82	47863	3.092	ng/ul	99
23) 2-Nitrophenol	9.30	139	11828	3.238	ng/ul	90
24) 2,4-Dimethylphenol	9.38	107	24627	3.105	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.61	93	30269	3.200	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	19841	3.133	ng/ul#	75
28) Naphthalene	10.22	128	77643	3.529	ng/ul	98
30) 4-Chloroaniline	10.34	127	26054	3.608	ng/ul	95
31) Hexachlorobutadiene	10.50	225	14165	3.345	ng/ul	94
32) Caprolactam	11.17	113	4472m	2.106	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	20873	2.883	ng/ul	91
34) 2-Methylnaphthalene	11.85	142	49804	3.260	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009735.D
Acq On : 17 Feb 2020 13:08
Operator : CG/JU
Sample : K5695-04
Misc : MDL-SOIL-04
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:26 AM

Quant Time: Feb 17 14:20:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	55282	3.611	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	26160	3.430	ng/ul#	86
38) Hexachlorocyclopentadiene	12.20	237	3803	1.152	ng/ul#	94
39) 2,4,6-Trichlorophenol	12.49	196	12825	2.649	ng/ul	92
40) 2,4,5-Trichlorophenol	12.56	196	15297	2.945	ng/ul	94
41) 1,1'-Biphenyl	12.88	154	67926	3.437	ng/ul	100
42) 2-Chloronaphthalene	12.92	162	54278	3.458	ng/ul	97
43) 2-Nitroaniline	13.15	65	15270	2.660	ng/ul	97
45) Dimethylphthalate	13.53	163	70062	3.493	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	11139	2.837	ng/ul#	93
48) Acenaphthylene	13.77	152	84417	3.445	ng/ul	98
49) 3-Nitroaniline	13.99	138	8909	2.458	ng/ul	93
50) Acenaphthene	14.12	153	55139	3.283	ng/ul	97
51) 2,4-Dinitrophenol	14.24	184	2779m	1.233	ng/ul	
53) 4-Nitrophenol	14.30	109	9605	3.032	ng/ul#	81
54) Dibenzofuran	14.46	168	82451	3.497	ng/ul	93
55) 2,4-Dinitrotoluene	14.46	165	15966	2.744	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	14.71	232	12212	2.735	ng/ul#	97
57) Diethylphthalate	14.91	149	66723	3.240	ng/ul	97
59) Fluorene	15.12	166	68287	3.451	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.12	204	32703	3.351	ng/ul	97
61) 4-Nitroaniline	15.16	138	10048m	2.273	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	10148	2.661	ng/ul#	77
65) N-Nitrosodiphenylamine	15.34	169	54192	3.204	ng/ul	96
66) 4-Bromophenyl-phenylether	16.02	248	18611	3.263	ng/ul	88
67) Hexachlorobenzene	16.13	284	20973	3.323	ng/ul	92
68) Atrazine	16.31	200	17902	2.791	ng/ul	92
69) Pentachlorophenol	16.49	266	6875m	1.885	ng/ul	
70) Phenanthrene	16.85	178	107951	3.319	ng/ul	98
72) Anthracene	16.95	178	111143	3.342	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	29094	3.494	ng/uL	91
74) Pentachlorobenzene	14.39	250	25166	3.134	ng/uL	88
75) Carbazole	17.23	167	82609	2.821	ng/ul	94
76) Di-n-butylphthalate	17.80	149	95311	2.637	ng/ul	98
77) Fluoranthene	18.89	202	116182	3.049	ng/ul	97
80) Pyrene	19.25	202	132570	3.328	ng/ul	97
81) Butylbenzylphthalate	20.18	149	38583	2.356	ng/ul	94
82) 3,3'-Dichlorobenzidine	20.96	252	32229	2.675	ng/ul	98
83) Benzo(a)anthracene	21.01	228	119621	3.150	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	62265	2.490	ng/ul	98
85) Chrysene	21.06	228	120426	3.221	ng/ul	98
87) Di-n-octyl phthalate	21.82	149	97775	2.300	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	113150	3.107	ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	116065m	3.365	ng/ul	
91) Benzo(a)pyrene	23.04	252	109493	3.342	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	124133	3.192	ng/ul	92
93) Dibenzo(a,h)anthracene	25.20	278	101987	3.065	ng/ul	96
94) Benzo(g,h,i)perylene	25.82	276	103648	3.178	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009735.D
Acq On : 17 Feb 2020 13:08
Operator : CG/JU
Sample : K5695-04
Misc : MDL-SOIL-04
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:26 AM

Quant Time: Feb 17 14:20:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009735.D
Acq On : 17 Feb 2020 13:08
Operator : CG/JU
Sample : K5695-04
Misc : MDL-SOIL-04
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 17 14:20:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 17 00:47:25 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:26 AM