Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009732.D
Acq On : 17 Feb 2020 11:20
Operator : CG/JU
Sample : K5695-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:18 AM

Quant Time: Feb 17 15:29:12 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	102888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	414292	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	268212	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	592042	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	574702	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	590990	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	11482	4.59	ng/uL	0.00
5) Phenol-d5	6.62	99	258273	29.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	186589	30.90	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	202604	30.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	203248	29.20	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	97024	32.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	104036	31.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	192446	30.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	267281	37.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	635462	31.72	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	765919	32.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	94297	25.77	ng/ul	0.00
58) Fluorene-d10	15.06	176	535169	30.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	95013	25.83	ng/ul	0.00
71) Anthracene-d10	16.91	188	854449	31.48	ng/ul	0.00
79) Pyrene-d10	19.22	212	923941	30.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	891936	30.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	3131	1.089	ng/uL	90
4) Benzaldehyde	6.59	77	21858	3.756	ng/ul	96
6) Phenol	6.64	94	29344	3.129	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.86	93	24478	3.321	ng/ul	99
10) 2-Chlorophenol	6.99	128	23098	3.328	ng/ul	99
11) 2-Methylphenol	7.87	108	19896	2.899	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.95	45	62869	3.479	ng/ul	98
14) Acetophenone	8.23	105	35230	3.106	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.22	70	18699	3.155	ng/ul	98
16) 4-Methylphenol	8.19	108	23272	3.091	ng/ul	96
17) Hexachloroethane	8.46	117	10035	3.178	ng/ul	97
20) Nitrobenzene	8.60	77	30912	3.461	ng/ul	100
21) Isophorone	9.13	82	48632	3.094	ng/ul#	96
23) 2-Nitrophenol	9.30	139	12436	3.352	ng/ul#	93
24) 2,4-Dimethylphenol	9.38	107	26376	3.274	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.61	93	31971	3.328	ng/ul#	96
27) 2,4-Dichlorophenol	9.83	162	21058	3.274	ng/ul#	86
28) Naphthalene	10.21	128	77947	3.489	ng/ul	97
30) 4-Chloroaniline	10.34	127	26964	3.677	ng/ul	99
31) Hexachlorobutadiene	10.50	225	14704	3.419	ng/ul	97
32) Caprolactam	11.17	113	5040m	2.337	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	21534	2.928	ng/ul	95
34) 2-Methylnaphthalene	11.84	142	54079	3.486	ng/ul	89

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009732.D
Acq On : 17 Feb 2020 11:20
Operator : CG/JU
Sample : K5695-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:18 AM

Quant Time: Feb 17 15:29:12 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	57155	3.676 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	27300	3.434 ng/ul	97
38) Hexachlorocyclopentadiene	12.19	237	3982	1.158 ng/ul	90
39) 2,4,6-Trichlorophenol	12.48	196	13658	2.707 ng/ul#	96
40) 2,4,5-Trichlorophenol	12.57	196	15099	2.789 ng/ul	94
41) 1,1'-Biphenyl	12.88	154	70062	3.401 ng/ul	96
42) 2-Chloronaphthalene	12.92	162	53733	3.284 ng/ul	98
43) 2-Nitroaniline	13.15	65	15192	2.539 ng/ul	98
45) Dimethylphthalate	13.53	163	72433	3.465 ng/ul#	97
46) 2,6-Dinitrotoluene	13.66	165	11434	2.794 ng/ul	93
48) Acenaphthylene	13.77	152	86919	3.404 ng/ul	95
49) 3-Nitroaniline	14.00	138	9870	2.612 ng/ul	99
50) Acenaphthene	14.12	153	59983	3.426 ng/ul	94
51) 2,4-Dinitrophenol	14.23	184	2921m	1.243 ng/ul	
53) 4-Nitrophenol	14.30	109	10568	3.201 ng/ul	80
54) Dibenzofuran	14.46	168	84651	3.445 ng/ul	95
55) 2,4-Dinitrotoluene	14.46	165	17716	2.921 ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	14.70	232	13169	2.830 ng/ul#	95
57) Diethylphthalate	14.91	149	71129	3.314 ng/ul	96
59) Fluorene	15.12	166	70824	3.434 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	35658	3.506 ng/ul	96
61) 4-Nitroaniline	15.17	138	9485	2.059 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.23	198	11408	2.879 ng/ul#	82
65) N-Nitrosodiphenylamine	15.33	169	58141	3.310 ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	19309	3.259 ng/ul	96
67) Hexachlorobenzene	16.12	284	21705	3.311 ng/ul	96
68) Atrazine	16.30	200	19014	2.853 ng/ul	92
69) Pentachlorophenol	16.49	266	7051m	1.861 ng/ul	
70) Phenanthrene	16.85	178	113969	3.373 ng/ul	99
72) Anthracene	16.95	178	114820	3.324 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	30643	3.543 ng/uL	93
74) Pentachlorobenzene	14.39	250	27587	3.307 ng/uL	96
75) Carbazole	17.23	167	85182	2.800 ng/ul	98
76) Di-n-butylphthalate	17.80	149	103479	2.756 ng/ul	99
77) Fluoranthene	18.89	202	123562	3.122 ng/ul	97
80) Pyrene	19.25	202	140194	3.384 ng/ul	99
81) Butylbenzylphthalate	20.18	149	40672	2.388 ng/ul	92
82) 3,3'-Dichlorobenzidine	20.96	252	34875	2.783 ng/ul	98
83) Benzo(a)anthracene	21.02	228	127481	3.228 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	67135	2.582 ng/ul#	98
85) Chrysene	21.06	228	127180	3.271 ng/ul	97
87) Di-n-octyl phthalate	21.82	149	105097	2.350 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	118377	3.089 ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	123871	3.414 ng/ul	99
91) Benzo(a)pyrene	23.05	252	120971	3.510 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.20	276	131248	3.208 ng/ul	95
93) Dibenzo(a,h)anthracene	25.20	278	107030	3.058 ng/ul	97
94) Benzo(g,h,i)perylene	25.83	276	108104	3.151 ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
Data File : BN009732.D
Acq On : 17 Feb 2020 11:20
Operator : CG/JU
Sample : K5695-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-01

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:18 AM

Quant Time: Feb 17 15:29:12 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 : BN009732.D
Acq On : 17 Feb 2020 11:20
Operator : CG/JU
Sample : K5695-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 17 15:29:12 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-01

Manual Integrations APPROVED
mohammad
2/20/2020 7:56:18 AM