Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013850.D
Acq On : 05 Mar 2021 01:32
Operator : CG/JU
Sample : M1534-17
Misc : SOM-MDLMES-03
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-03

Manual Integrations APPROVED
mohammad
3/5/2021 2:45:03 PM

Quant Time: Mar 05 02:17:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 00:15:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	146765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	600728	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	360544	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	736775	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	745479	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	733112m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18678	5.05	ng/uL	0.00
5) Phenol-d5	6.89	99	463915	39.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	306385	41.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	373751	41.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	348148	38.73	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	170188	42.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	163908	42.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	328592	39.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	470006	45.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	985125	40.69	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1272121	39.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	163909	36.09	ng/ul	0.00
58) Fluorene-d10	15.35	176	877219	41.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	114829	33.53	ng/ul	0.00
71) Anthracene-d10	17.20	188	1325105	41.15	ng/ul	0.00
79) Pyrene-d10	19.49	212	1440639	39.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1508282	41.33	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3854	1.027	ng/uL#	86
4) Benzaldehyde	6.86	77	32302	5.407	ng/ul	98
6) Phenol	6.91	94	50969	4.007	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	40238	4.044	ng/ul	98
10) 2-Chlorophenol	7.29	128	40265	4.164	ng/ul	96
11) 2-Methylphenol	8.16	108	33074	3.604	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	61658m	4.059	ng/ul	
14) Acetophenone	8.53	105	60084	4.057	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	26906	3.661	ng/ul#	91
16) 4-Methylphenol	8.48	108	39465	3.963	ng/ul	98
17) Hexachloroethane	8.79	117	16278	3.968	ng/ul	97
20) Nitrobenzene	8.91	77	46467	4.226	ng/ul	98
21) Isophorone	9.43	82	67935	3.523	ng/ul	99
23) 2-Nitrophenol	9.62	139	19069	4.245	ng/ul	94
24) 2,4-Dimethylphenol	9.68	107	41025	3.878	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	51569	4.006	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	35805	4.148	ng/ul	90
28) Naphthalene	10.55	128	130268	4.183	ng/ul	98
30) 4-Chloroaniline	10.66	127	50769	4.704	ng/ul	97
31) Hexachlorobutadiene	10.84	225	21716	3.951	ng/ul	96
32) Caprolactam	11.43	113	6473	2.478	ng/ul	90
33) 4-Chloro-3-methylphenol	11.78	107	29063	3.303	ng/ul	96
34) 2-Methylnaphthalene	12.17	142	84749	3.983	ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013850.D
Acq On : 05 Mar 2021 01:32
Operator : CG/JU
Sample : M1534-17
Misc : SOM-MDLMES-03
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-03

Manual Integrations APPROVED
mohammad
3/5/2021 2:45:03 PM

Quant Time: Mar 05 02:17:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 00:15:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	83463	4.070 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	42620	3.926 ng/ul	97
38) Hexachlorocyclopentadiene	12.52	237	21652	3.350 ng/ul	96
39) 2,4,6-Trichlorophenol	12.78	196	18391	2.935 ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	23676	3.444 ng/ul	98
41) 1,1'-Biphenyl	13.19	154	111272	4.104 ng/ul	99
42) 2-Chloronaphthalene	13.22	162	85669	4.042 ng/ul	99
43) 2-Nitroaniline	13.43	65	16227	2.953 ng/ul	100
45) Dimethylphthalate	13.81	163	104354	4.166 ng/ul	100
46) 2,6-Dinitrotoluene	13.93	165	13841	3.083 ng/ul#	91
48) Acenaphthylene	14.07	152	126670	4.081 ng/ul	98
49) 3-Nitroaniline	14.26	138	15603	3.196 ng/ul	91
50) Acenaphthene	14.42	153	92466	4.083 ng/ul	97
51) 2,4-Dinitrophenol	14.46	184	4930	2.086 ng/ul	100
53) 4-Nitrophenol	14.56	109	14023	3.833 ng/ul#	83
54) Dibenzofuran	14.76	168	130284	4.174 ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	21945	3.422 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.98	232	17330	3.266 ng/ul#	97
57) Diethylphthalate	15.19	149	95825	3.827 ng/ul	99
59) Fluorene	15.40	166	105270	4.144 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	50770	4.166 ng/ul	91
61) 4-Nitroaniline	15.42	138	16930	3.027 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.47	198	12705	3.522 ng/ul#	66
65) N-Nitrosodiphenylamine	15.62	169	83689	3.944 ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	28606	4.053 ng/ul	96
67) Hexachlorobenzene	16.40	284	33272	3.947 ng/ul	98
68) Atrazine	16.56	200	21984	2.998 ng/ul	92
69) Pentachlorophenol	16.75	266	11261	2.535 ng/ul	95
70) Phenanthrene	17.14	178	164495	4.121 ng/ul	100
72) Anthracene	17.23	178	164225	4.047 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	43784	4.058 ng/uL	98
74) Pentachlorobenzene	14.67	250	40539	3.989 ng/uL	94
75) Carbazole	17.50	167	133322	3.682 ng/ul	99
76) Di-n-butylphthalate	18.07	149	125521	3.098 ng/ul	100
77) Fluoranthene	19.16	202	170985	3.874 ng/ul	99
80) Pyrene	19.52	202	194486	4.052 ng/ul	99
81) Butylbenzylphthalate	20.43	149	42670	2.582 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.20	252	41923	2.997 ng/ul	93
83) Benzo(a)anthracene	21.26	228	176709	3.851 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	77226	2.793 ng/ul	98
85) Chrysene	21.31	228	183306	4.104 ng/ul	99
87) Di-n-octyl phthalate	22.08	149	109884m	2.399 ng/ul	
88) Benzo(b)fluoranthene	22.83	252	175416	3.939 ng/ul	94
89) Benzo(k)fluoranthene	22.88	252	170854m	3.824 ng/ul	
91) Benzo(a)pyrene	23.40	252	162627	4.028 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.74	276	192107m	3.808 ng/ul	
93) Dibenzo(a,h)anthracene	25.76	278	165032m	3.837 ng/ul	
94) Benzo(g,h,i)perylene	26.42	276	163434m	3.857 ng/ul	

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013850.D
Acq On : 05 Mar 2021 01:32
Operator : CG/JU
Sample : M1534-17
Misc : SOM-MDLMES-03
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-03

Manual Integrations APPROVED
mohammad
3/5/2021 2:45:03 PM

Quant Time: Mar 05 02:17:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 00:15:11 2021
Response via : Initial Calibration

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

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013850.D
Acq On : 05 Mar 2021 01:32
Operator : CG/JU
Sample : M1534-17
Misc : SOM-MDLMES-03
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 05 02:17:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 00:15:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-ME-SOIL-03

Manual Integrations APPROVED
mohammad
3/5/2021 2:45:03 PM