Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028056.D
Acq On : 07 Dec 2020 13:30
Operator : JU/CG
Sample : L4485-05
Misc : MDL-SOIL--02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:35 PM

Quant Time: Dec 07 14:03:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 13:18:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	208403	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	870890	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	507831	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1002009	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	875214	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	843465	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	22650	4.06	ng/uL	0.00
4) Pyridine-d5	3.93	84	330792	21.97	ng/ul	0.00
7) Phenol-d5	7.42	99	536486	30.93	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	355506	32.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	460971	31.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	454284	33.20	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	216384	32.00	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	224081	33.17	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	419841	30.64	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	603290	32.19	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1220827	32.49	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1582072	32.80	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	202676	27.97	ng/ul	0.00
60) Fluorene-d10	15.89	176	1033521	30.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	158659	27.28	ng/ul	0.00
73) Anthracene-d10	17.72	188	1502451	30.59	ng/ul	0.00
81) Pyrene-d10	19.97	212	1533849	33.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1337161	29.78	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.96	79	40298	2.668	ng/ul#	68
6) Benzaldehyde	7.40	77	34443	4.803	ng/ul	97
8) Phenol	7.45	94	45727	2.583	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.69	93	40534	2.781	ng/ul	98
12) 2-Chlorophenol	7.84	128	37778	2.539	ng/ul	93
13) 2-Methylphenol	8.72	108	32622	2.462	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.82	45	64958	2.769	ng/ul	98
16) Acetophenone	9.12	105	54898	2.681	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	27206	2.796	ng/ul	97
18) 4-Methylphenol	9.05	108	36748	2.587	ng/ul	97
19) Hexachloroethane	9.39	117	15782	2.528	ng/ul	96
22) Nitrobenzene	9.50	77	44157	2.647	ng/ul	96
23) Isophorone	10.03	82	70084	2.511	ng/ul	97
25) 2-Nitrophenol	10.22	139	20569	2.692	ng/ul	97
26) 2,4-Dimethylphenol	10.27	107	39255	2.500	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.51	93	51507	2.688	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	34818	2.597	ng/ul	97
30) Naphthalene	11.17	128	126995	2.582	ng/ul	98
32) 4-Chloroaniline	11.27	127	50697	2.793	ng/ul	100
33) Hexachlorobutadiene	11.45	225	22441	2.557	ng/ul	98
34) Caprolactam	12.04	113	8090	2.094	ng/ul	87
35) 4-Chloro-3-methylphenol	12.36	107	32198	2.395	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028056.D
Acq On : 07 Dec 2020 13:30
Operator : JU/CG
Sample : L4485-05
Misc : MDL-SOIL--02
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-05

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:35 PM

Quant Time: Dec 07 14:03:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 13:18:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.76	142	83831	2.593 ng/ul	100
37) 1-Methylnaphthalene	12.97	142	80065	2.576 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	42463	2.457 ng/ul	98
40) Hexachlorocyclopentadiene	13.10	237	18017	1.829 ng/ul#	89
41) 2,4,6-Trichlorophenol	13.35	196	22719	2.194 ng/ul	92
42) 2,4,5-Trichlorophenol	13.42	196	25629	2.304 ng/ul	94
43) 1,1'-Biphenyl	13.75	154	109914	2.526 ng/ul	97
44) 2-Chloronaphthalene	13.79	162	84787	2.473 ng/ul	98
45) 2-Nitroaniline	13.99	65	17865	2.096 ng/ul	93
47) Dimethylphthalate	14.35	163	103376	2.661 ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	15734	2.133 ng/ul	93
50) Acenaphthylene	14.63	152	125376	2.508 ng/ul	99
51) 3-Nitroaniline	14.80	138	16062	2.194 ng/ul	89
52) Acenaphthene	14.97	153	90370	2.519 ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	5955	1.404 ng/ul	96
55) 4-Nitrophenol	15.08	109	13460	2.526 ng/ul	90
56) Dibenzofuran	15.30	168	123774	2.547 ng/ul	98
57) 2,4-Dinitrotoluene	15.25	165	22988	2.224 ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.52	232	20025	2.242 ng/ul#	98
59) Diethylphthalate	15.69	149	98254	2.582 ng/ul	98
61) Fluorene	15.94	166	102912	2.595 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	51513	2.652 ng/ul	96
63) 4-Nitroaniline	15.94	138	16998	2.621 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	15035	2.348 ng/ul#	59
67) N-Nitrosodiphenylamine	16.13	169	82255	2.496 ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	28914	2.525 ng/ul	96
69) Hexachlorobenzene	16.93	284	33137	2.508 ng/ul	97
70) Atrazine	17.06	200	24270	2.176 ng/ul	95
71) Pentachlorophenol	17.27	266	12923	1.748 ng/ul	92
72) Phenanthrene	17.67	178	152505	2.503 ng/ul	99
74) Anthracene	17.76	178	154596	2.491 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	42499	2.511 ng/uL	95
76) Pentachlorobenzene	15.22	250	40314	2.486 ng/uL	99
77) Carbazole	18.02	167	121257	2.296 ng/ul	98
78) Di-n-butylphthalate	18.55	149	139803	2.323 ng/ul	99
80) Fluoranthene	19.64	202	157537	2.617 ng/ul	99
82) Pyrene	20.00	202	171977	2.737 ng/ul	100
83) Butylbenzylphthalate	20.86	149	55180	2.447 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	45347	2.338 ng/ul	98
85) Benzo(a)anthracene	21.72	228	148061	2.548 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	78346	2.296 ng/ul	99
87) Chrysene	21.77	228	147519	2.569 ng/ul	98
89) Di-n-octyl phthalate	22.54	149	129026	2.257 ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	145213	2.610 ng/ul	98
91) Benzo(k)fluoranthene	23.45	252	137581	2.562 ng/ul	97
93) Benzo(a)pyrene	24.03	252	132577	2.619 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	149366	2.403 ng/ul	95
95) Dibenzo(a,h)anthracene	26.61	278	126870	2.415 ng/ul	99
96) Benzo(g,h,i)perylene	27.37	276	123983	2.364 ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028056.D
Acq On : 07 Dec 2020 13:30
Operator : JU/CG
Sample : L4485-05
Misc : MDL-SOIL--02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:35 PM

Quant Time: Dec 07 14:03:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 13:18:59 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 M\DATA\BM120720\
Data File : BM028056.D
Acq On : 07 Dec 2020 13:30
Operator : JU/CG
Sample : L4485-05
Misc : MDL-SOIL--02
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 07 14:03:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 13:18:59 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:35 PM