Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
Data File : VW018357.D
Acq On : 17 Mar 2021 20:54
Operator : SY/VA
Sample : M1458-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/18/2021 4:12:51 PM

Quant Time: Mar 18 03:33:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 18 03:32:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.945	168	353016	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	616565	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	553444	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	266216	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	196781	52.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.40%				
35) Dibromofluoromethane	7.891	113	168194	46.81	ug/l		0.01
Spiked Amount 50.000			Recovery = 93.62%				
50) Toluene-d8	10.323	98	669507	46.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.72%				
62) 4-Bromofluorobenzene	12.615	95	252548	46.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.020	85	8231	3.28	ug/l		90
3) Chloromethane	2.215	50	16099	4.14	ug/l		92
4) Vinyl Chloride	2.367	62	14926	3.98	ug/l		98
5) Bromomethane	2.782	94	16109	5.26	ug/l		97
6) Chloroethane	2.928	64	13378	4.55	ug/l		95
7) Trichlorofluoromethane	3.257	101	11022	3.78	ug/l		98
8) Diethyl Ether	3.678	74	7665	4.35	ug/l		79
9) 1,1,2-Trichlorotrifluo...	4.062	101	13656	4.14	ug/l	#	70
10) Methyl Iodide	4.275	142	21034	4.34	ug/l		94
11) Tert butyl alcohol	5.153	59	5744	25.04	ug/l		99
12) 1,1-Dichloroethene	4.038	96	14941	4.40	ug/l		92
13) Acrolein	3.897	56	4992	28.49	ug/l		92
14) Allyl chloride	4.666	41	20632	4.46	ug/l		95
15) Acrylonitrile	5.367	53	16206	23.24	ug/l		98
16) Acetone	4.117	43	15030	26.67	ug/l		91
17) Carbon Disulfide	4.385	76	34271	3.85	ug/l		95
18) Methyl Acetate	4.678	43	7549	5.10	ug/l		93
19) Methyl tert-butyl Ether	5.428	73	22973	4.51	ug/l		95
20) Methylene Chloride	4.915	84	28268	6.60	ug/l	#	81
21) trans-1,2-Dichloroethene	5.428	96	17116	4.29	ug/l		91
22) Diisopropyl ether	6.312	45	42061	4.43	ug/l		98
23) Vinyl Acetate	6.257	43	126182	21.47	ug/l		98
24) 1,1-Dichloroethane	6.220	63	30419	4.47	ug/l		98
25) 2-Butanone	7.177	43	19325	23.15	ug/l		98
26) 2,2-Dichloropropane	7.165	77	19349	4.42	ug/l		95
27) cis-1,2-Dichloroethene	7.171	96	18465	4.24	ug/l		91
28) Bromochloromethane	7.519	49	12023	4.52	ug/l		84
29) Tetrahydrofuran	7.531	42	12832	23.68	ug/l		92
30) Chloroform	7.677	83	31097	4.33	ug/l		88
31) Cyclohexane	7.952	56	35085	5.43	ug/l	#	80
32) 1,1,1-Trichloroethane	7.872	97	25491	4.36	ug/l		97
36) 1,1-Dichloropropene	8.080	75	23800	3.91	ug/l		97
37) Ethyl Acetate	7.257	43	9995	4.69	ug/l		97
38) Carbon Tetrachloride	8.073	117	21855	3.84	ug/l		92
39) Methylcyclohexane	9.335	83	31014	4.02	ug/l		92
40) Benzene	8.323	78	67727	4.15	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
Data File : VW018357.D
Acq On : 17 Mar 2021 20:54
Operator : SY/VA
Sample : M1458-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/18/2021 4:12:51 PM

Quant Time: Mar 18 03:33:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 18 03:32:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	5457	4.74	ug/l		96
42) 1,2-Dichloroethane	8.403	62	22883	4.47	ug/l		99
43) Isopropyl Acetate	8.427	43	18081	4.23	ug/l		97
44) Trichloroethene	9.092	130	18248	4.15	ug/l		97
45) 1,2-Dichloropropane	9.366	63	16591	4.21	ug/l		96
46) Dibromomethane	9.457	93	9007	4.09	ug/l		94
47) Bromodichloromethane	9.646	83	23427	4.09	ug/l		97
48) Methyl methacrylate	9.433	41	8413	4.15	ug/l		96
49) 1,4-Dioxane	9.451	88	2696	84.43	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.207	43	45203	21.65	ug/l		96
52) Toluene	10.390	92	46049	4.28	ug/l		100
53) t-1,3-Dichloropropene	10.603	75	22456	3.85	ug/l		94
54) cis-1,3-Dichloropropene	10.079	75	26471	3.98	ug/l		95
55) 1,1,2-Trichloroethane	10.786	97	12321	4.14	ug/l		96
56) Ethyl methacrylate	10.646	69	15980	4.13	ug/l		95
57) 1,3-Dichloropropane	10.933	76	22019	4.15	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	40606	20.66	ug/l		96
59) 2-Hexanone	10.969	43	30370	21.13	ug/l		96
60) Dibromochloromethane	11.128	129	14481	3.95	ug/l		100
61) 1,2-Dibromoethane	11.231	107	12735	4.35	ug/l		97
64) Tetrachloroethene	10.860	164	14711	4.17	ug/l		92
65) Chlorobenzene	11.658	112	47392	4.24	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.725	131	15745	3.99	ug/l		98
67) Ethyl Benzene	11.731	91	87332	4.13	ug/l		99
68) m/p-Xylenes	11.841	106	63579	7.92	ug/l		97
69) o-Xylene	12.164	106	28996	3.86	ug/l		97
70) Styrene	12.182	104	49653	3.96	ug/l		98
71) Bromoform	12.353	173	7243	3.60	ug/l	#	95
73) Isopropylbenzene	12.463	105	83696	4.17	ug/l		100
74) N-amyl acetate	12.274	43	17164	4.35	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.713	83	15517	4.74	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	12110m	4.95	ug/l		
77) Bromobenzene	12.743	156	17699	4.12	ug/l		94
78) n-propylbenzene	12.804	91	101678	4.25	ug/l		98
79) 2-Chlorotoluene	12.890	91	57789	4.22	ug/l		95
80) 1,3,5-Trimethylbenzene	12.945	105	72616	4.20	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	4082m	3.65	ug/l		
82) 4-Chlorotoluene	12.987	91	62172	4.31	ug/l		99
83) tert-Butylbenzene	13.207	119	58267	3.97	ug/l		96
84) 1,2,4-Trimethylbenzene	13.249	105	72513	4.19	ug/l		99
85) sec-Butylbenzene	13.383	105	86589	4.19	ug/l		99
86) p-Isopropyltoluene	13.493	119	75370	4.06	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	36233	4.18	ug/l		97
88) 1,4-Dichlorobenzene	13.579	146	36337	4.21	ug/l		88
89) n-Butylbenzene	13.822	91	75386	4.09	ug/l		97
90) Hexachloroethane	14.091	117	13223	3.88	ug/l		97
91) 1,2-Dichlorobenzene	13.871	146	32089	4.20	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2705	4.46	ug/l		96
93) 1,2,4-Trichlorobenzene	15.127	180	23220	4.30	ug/l		96
94) Hexachlorobutadiene	15.231	225	12780	4.18	ug/l		87
95) Naphthalene	15.365	128	44027	4.42	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	20259	4.51	ug/l		93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
Data File : VW018357.D
Acq On : 17 Mar 2021 20:54
Operator : SY/VA
Sample : M1458-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/18/2021 4:12:51 PM

Quant Time: Mar 18 03:33:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 18 03:32:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
Data File : VW018357.D
Acq On : 17 Mar 2021 20:54
Operator : SY/VA
Sample : M1458-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 18 03:33:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 18 03:32:22 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/18/2021 4:12:51 PM