Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090420\
Data File : VW016462.D
Acq On : 04 Sep 2020 14:06
Operator : SY/VA
Sample : MDL04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
9/8/2020 10:14:42 AM

Quant Time: Sep 08 01:10:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 08 00:59:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	697904	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	619615	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	293521	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	176871	23.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.56%			
7) Chloroethane-d5	2.90	69	166721	25.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.32%			
10) 1,1-Dichloroethene-d2	4.03	63	282108	16.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.28%			
20) 2-Butanone-d5	7.09	46	121793	46.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.12%			
24) Chloroform-d	7.65	84	392139	23.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.96%			
26) 1,2-Dichloroethane-d4	8.31	65	220459	24.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.64%			
29) Benzene-d6	8.28	84	799699	25.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.56%			
33) 1,2-Dichloropropane-d6	9.28	67	229006	24.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.00%			
37) Toluene-d8	10.33	98	762198	25.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.84%			
38) trans-1,3-Dichloropropene-	10.58	79	117074	25.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.28%			
39) 2-Hexanone-d5	10.93	63	96927	51.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.50%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202077	25.82	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.28%			
61) 1,2-Dichlorobenzene-d4	13.86	152	265680	26.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.76%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.02	85	6203	0.794	ug/L	93
3) Chloromethane	2.22	50	5876	0.857	ug/L	100
5) Vinyl chloride	2.37	62	8180	0.937	ug/L #	38
6) Bromomethane	2.79	94	5386	0.825	ug/L	98
8) Chloroethane	2.94	64	5282	0.983	ug/L	91
9) Trichlorofluoromethane	3.26	101	4747	0.664	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	9667m	1.143	ug/L	
12) 1,1-Dichloroethene	4.05	96	9269	1.078	ug/L #	1
13) Acetone	4.13	43	4862m	2.865	ug/L	
14) Carbon disulfide	4.40	76	19258	0.733	ug/L	100
15) Methyl Acetate	4.68	43	3329m	0.809	ug/L	
16) Methylene chloride	4.93	84	25065	2.301	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	10305	0.799	ug/L #	80
18) trans-1,2-Dichloroethene	5.43	96	7376	0.807	ug/L	97
19) 1,1-Dichloroethane	6.23	63	11921	0.767	ug/L	94
21) 2-Butanone	7.15	43	9912m	3.480	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	7259	0.763	ug/L	82

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
Data File : VW016462.D
Acq On : 04 Sep 2020 14:06
Operator : SY/VA
Sample : MDL04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
9/8/2020 10:14:42 AM

Quant Time: Sep 08 01:10:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 08 00:59:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	7.52	128	3404	0.772 ug/L		80
25) Chloroform	7.68	83	14431	0.897 ug/L	#	63
27) 1,2-Dichloroethane	8.41	62	8763	0.818 ug/L		99
30) Cyclohexane	7.96	56	11599	0.784 ug/L	#	91
31) 1,1,1-Trichloroethane	7.88	97	10692	0.797 ug/L		97
32) Carbon tetrachloride	8.07	117	10999	0.857 ug/L		92
34) Benzene	8.33	78	28608	0.844 ug/L		100
35) Trichloroethene	9.10	95	7369	0.785 ug/L		96
36) Methylcyclohexane	9.34	83	13391	0.815 ug/L		95
40) 1,2-Dichloropropane	9.38	63	6383	0.762 ug/L	#	93
41) Bromodichloromethane	9.65	83	9307	0.795 ug/L		93
42) cis-1,3-Dichloropropene	10.07	75	9342	0.657 ug/L		94
43) 4-Methyl-2-pentanone	10.21	43	15379	2.593 ug/L		92
44) Toluene	10.39	91	31212	0.823 ug/L		98
45) trans-1,3-Dichloropropene	10.61	75	8869	0.698 ug/L		98
46) 1,1,2-Trichloroethane	10.79	97	5447	0.820 ug/L		91
47) Tetrachloroethene	10.87	164	6364	0.846 ug/L		93
49) 2-Hexanone	10.98	43	5867	1.420 ug/L		96
50) Dibromochloromethane	11.13	129	6444	0.768 ug/L		91
51) 1,2-Dibromoethane	11.24	107	5419	0.817 ug/L		85
52) Chlorobenzene	11.66	112	19550	0.813 ug/L		95
53) Ethylbenzene	11.73	91	33725	0.790 ug/L		94
54) m,p-Xylene	11.85	106	13620	0.835 ug/L		89
55) o-xylene	12.17	106	12226	0.786 ug/L		94
56) Styrene	12.18	104	20859	0.781 ug/L		97
57) Isopropylbenzene	12.47	105	35242	0.828 ug/L	#	90
58) 1,1,2,2-Tetrachloroethane	12.71	83	7455	0.942 ug/L	#	84
59) 1,2,3-Trichloropropane	12.77	75	4677	0.791 ug/L		99
62) Bromoform	12.35	173	3656	0.742 ug/L		94
63) 1,3-Dichlorobenzene	13.51	146	14569	0.788 ug/L		99
64) 1,4-Dichlorobenzene	13.58	146	14430	0.788 ug/L		98
65) 1,2-Dichlorobenzene	13.87	146	13807	0.841 ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1279	0.836 ug/L	#	75
67) 1,3,5-Trichlorobenzene	14.63	180	9886	0.776 ug/L		97
68) 1,2,4-trichlorobenzene	15.14	180	8028	0.729 ug/L		98
69) Naphthalene	15.37	128	15620	0.672 ug/L		100
70) 1,2,3-Trichlorobenzene	15.56	180	6663	0.704 ug/L		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090420\
Data File : VW016462.D
Acq On : 04 Sep 2020 14:06
Operator : SY/VA
Sample : MDL04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 08 01:10:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 08 00:59:16 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
9/8/2020 10:14:42 AM