Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100219\
Data File : VV013027.D
Acq On : 02 Oct 2019 11:50
Operator : SY/MD
Sample : MDL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL03

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:10:42 PM

Quant Time: Oct 03 04:14:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	628411	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	639921	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	324708	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	206268	22.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.76%			
7) Chloroethane-d5	1.58	69	174231	23.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.44%			
11) 1,1-Dichloroethene-d2	2.13	63	288313	18.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.48%			
21) 2-Butanone-d5	3.94	46	198303	62.47	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.94%			
24) Chloroform-d	4.40	84	414640	24.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.08	65	254890	26.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.88%			
32) Benzene-d6	5.10	84	851508	24.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.48%			
36) 1,2-Dichloropropane-d6	6.12	67	276045	24.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.80%			
41) Toluene-d8	7.36	98	767990	23.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.28%			
43) trans-1,3-Dichloropropene-	7.66	79	109901	23.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.68%			
47) 2-Hexanone-d5	8.13	63	135232	57.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.94%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	274825	26.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.20%			
66) 1,2-Dichlorobenzene-d4	11.67	152	324462	25.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.64%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	9694m	1.440	ug/L	
3) Chloromethane	1.25	50	15856	1.850	ug/L	96
5) Vinyl chloride	1.32	62	16088	1.822	ug/L #	79
6) Bromomethane	1.53	94	10277	1.811	ug/L	86
8) Chloroethane	1.60	64	11256	2.016	ug/L	100
9) Trichlorofluoromethane	1.77	101	22643	1.893	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	15716	2.050	ug/L	90
12) 1,1-Dichloroethene	2.14	96	15991	2.220	ug/L #	1
13) Acetone	2.20	43	18191	5.437	ug/L	90
14) Carbon disulfide	2.32	76	36971	1.673	ug/L #	92
15) Methyl Acetate	2.47	43	11062	2.143	ug/L	98
16) Methylene chloride	2.54	84	30332	2.947	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	16237	1.913	ug/L	92
18) Methyl tert-butyl Ether	2.80	73	41083	1.924	ug/L	98
19) 1,1-Dichloroethane	3.23	63	30664	1.968	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	18144	1.922	ug/L	96
22) 2-Butanone	4.04	43	12935m	3.527	ug/L	

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100219\
Data File : VV013027.D
Acq On : 02 Oct 2019 11:50
Operator : SY/MD
Sample : MDL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:10:42 PM

Quant Time: Oct 03 04:14:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	8874	1.917	ug/L		86
25) Chloroform	4.42	83	38675	2.381	ug/L		99
27) 1,2-Dichloroethane	5.18	62	22907	2.051	ug/L		100
29) Cyclohexane	4.72	56	22083	1.568	ug/L		95
30) 1,1,1-Trichloroethane	4.66	97	23711	1.814	ug/L		98
31) Carbon tetrachloride	4.87	117	21035	1.788	ug/L		100
33) Benzene	5.15	78	69419m	1.897	ug/L		
34) Trichloroethene	5.96	95	18359	1.852	ug/L		94
35) Methylcyclohexane	6.18	83	23436	1.507	ug/L		96
37) 1,2-Dichloropropane	6.22	63	17392	1.853	ug/L		98
38) Bromodichloromethane	6.55	83	23568	1.923	ug/L		98
39) cis-1,3-Dichloropropene	7.07	75	24741	1.750	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	32797	4.371	ug/L		98
42) Toluene	7.43	91	73999	1.902	ug/L		97
44) trans-1,3-Dichloropropene	7.69	75	23086m	1.989	ug/L		
45) 1,1,2-Trichloroethane	7.88	97	16430	2.063	ug/L		97
46) Tetrachloroethene	8.02	164	15277	1.863	ug/L		95
48) 2-Hexanone	8.19	43	25112	4.597	ug/L		96
49) Dibromochloromethane	8.29	129	17252	1.900	ug/L		95
50) 1,2-Dibromoethane	8.40	107	15413	1.962	ug/L	#	99
51) Chlorobenzene	8.92	112	49800	1.887	ug/L		98
52) Ethylbenzene	9.05	91	71607	1.675	ug/L		99
53) m,p-Xylene	9.18	106	26041	1.594	ug/L		98
54) o-Xylene	9.59	106	23927	1.531	ug/L		98
55) Styrene	9.60	104	41542	1.518	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.28	83	20973	2.160	ug/L		99
59) Bromoform	9.77	173	11317	2.035	ug/L		97
60) Isopropylbenzene	9.97	105	60444	1.545	ug/L		96
61) 1,2,3-Trichloropropane	10.32	75	16312	2.207	ug/L		97
62) 1,3,5-Trimethylbenzene	10.58	105	47213	1.497	ug/L		99
63) 1,2,4-Trimethylbenzene	10.95	105	46201	1.459	ug/L		99
64) 1,3-Dichlorobenzene	11.23	146	37812	1.841	ug/L		99
65) 1,4-Dichlorobenzene	11.32	146	40880	1.895	ug/L		93
67) 1,2-Dichlorobenzene	11.69	146	40406	2.060	ug/L		96
68) 1,2-Dibromo-3-chloropropan	12.47	75	3535	2.205	ug/L		91
69) 1,3,5-Trichlorobenzene	12.69	180	29855	1.805	ug/L		99
70) 1,2,4-trichlorobenzene	13.31	180	24757	1.731	ug/L		99
71) Naphthalene	13.55	128	42182	1.514	ug/L		98
72) 1,2,3-Trichlorobenzene	13.79	180	22654	1.642	ug/L		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100219\
Data File : VV013027.D
Acq On : 02 Oct 2019 11:50
Operator : SY/MD
Sample : MDL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 03 04:14:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM093019SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 03 03:55:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:10:42 PM