Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121118\
Data File : VV008898.D
Acq On : 11 Dec 2018 14:18
Operator : SY/MD
Sample : MDL06
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 04:51:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 04:31:38 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
12/12/2018 11:26:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223087	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82968	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54775	23.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.92%			
7) Chloroethane-d5	1.58	69	53918	31.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.44%			
10) 1,1-Dichloroethene-d2	2.13	63	108009	18.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.84%			
20) 2-Butanone-d5	3.94	46	45935	54.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.30%			
24) Chloroform-d	4.40	84	126268	23.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.16%			
26) 1,2-Dichloroethane-d4	5.08	65	74561	25.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.92%			
29) Benzene-d6	5.10	84	263105	24.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.16%			
33) 1,2-Dichloropropane-d6	6.12	67	75326	24.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.36%			
37) Toluene-d8	7.36	98	237886	23.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.92%			
38) trans-1,3-Dichloropropene-	7.67	79	31802	23.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.48%			
39) 2-Hexanone-d5	8.14	63	29924	53.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61864	24.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.28%			
61) 1,2-Dichlorobenzene-d4	11.68	152	74240	23.84	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	5680	1.553	ug/L	95
3) Chloromethane	1.25	50	3881	1.544	ug/L	96
5) Vinyl chloride	1.32	62	4043	1.441	ug/L #	67
6) Bromomethane	1.53	94	2396	1.776	ug/L	97
8) Chloroethane	1.60	64	2989	1.902	ug/L	92
9) Trichlorofluoromethane	1.77	101	7968	1.658	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5426	1.647	ug/L	89
12) 1,1-Dichloroethene	2.14	96	4880	1.697	ug/L #	1
13) Acetone	2.20	43	4149	3.350	ug/L	94
14) Carbon disulfide	2.32	76	12248	1.326	ug/L #	93
15) Methyl Acetate	2.46	43	2157	1.374	ug/L	95
16) Methylene chloride	2.53	84	12499	3.327	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	9047	1.385	ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	4365	1.405	ug/L	98
19) 1,1-Dichloroethane	3.23	63	6497	1.290	ug/L	95
21) 2-Butanone	4.03	43	3130m	2.697	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	4503	1.390	ug/L	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121118\
Data File : VV008898.D
Acq On : 11 Dec 2018 14:18
Operator : SY/MD
Sample : MDL06
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
12/12/2018 11:26:35 AM

Quant Time: Dec 12 04:51:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 04:31:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	2021	1.323 ug/L		89
25) Chloroform	4.43	83	9736	1.801 ug/L		82
27) 1,2-Dichloroethane	5.18	62	5306	1.441 ug/L		98
30) Cyclohexane	4.73	56	6258	1.282 ug/L		95
31) 1,1,1-Trichloroethane	4.66	97	6571	1.314 ug/L	#	89
32) Carbon tetrachloride	4.88	117	6025	1.320 ug/L		96
34) Benzene	5.15	78	16073m	1.383 ug/L		
35) Trichloroethene	5.96	95	5317	1.518 ug/L		96
36) Methylcyclohexane	6.18	83	7782	1.393 ug/L		93
40) 1,2-Dichloropropane	6.22	63	3752	1.346 ug/L	#	85
41) Bromodichloromethane	6.56	83	4915	1.337 ug/L		95
42) cis-1,3-Dichloropropene	7.07	75	5477	1.342 ug/L		99
43) 4-Methyl-2-pentanone	7.28	43	6077	3.224 ug/L	#	96
44) Toluene	7.43	91	17321	1.422 ug/L		100
45) trans-1,3-Dichloropropene	7.69	75	4754	1.336 ug/L		99
46) 1,1,2-Trichloroethane	7.89	97	3317	1.428 ug/L		94
47) Tetrachloroethene	8.02	164	3741	1.313 ug/L		89
49) 2-Hexanone	8.19	43	5446	3.493 ug/L	#	89
50) Dibromochloromethane	8.29	129	3382	1.270 ug/L		87
51) 1,2-Dibromoethane	8.40	107	3149	1.350 ug/L	#	95
52) Chlorobenzene	8.93	112	10974	1.383 ug/L		96
53) Ethylbenzene	9.06	91	16773	1.269 ug/L		99
54) m,p-Xylene	9.18	106	6169	1.233 ug/L		98
55) o-xylene	9.59	106	5652	1.215 ug/L		94
56) Styrene	9.61	104	8790	1.172 ug/L		97
57) Isopropylbenzene	9.98	105	14534	1.150 ug/L		95
58) 1,1,2,2-Tetrachloroethane	10.29	83	3799	1.512 ug/L	#	98
59) 1,2,3-Trichloropropane	10.32	75	2974	1.368 ug/L		94
62) Bromoform	9.78	173	2090	1.395 ug/L	#	94
63) 1,3-Dichlorobenzene	11.23	146	7598	1.421 ug/L		98
64) 1,4-Dichlorobenzene	11.32	146	7763	1.411 ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	7342	1.490 ug/L		92
66) 1,2-Dibromo-3-chloropropan	12.48	75	516m	1.278 ug/L		
67) 1,3,5-Trichlorobenzene	12.69	180	4901	1.269 ug/L		97
68) 1,2,4-trichlorobenzene	13.32	180	2771	1.024 ug/L		95
69) Naphthalene	13.56	128	4169	0.895 ug/L		97
70) 1,2,3-Trichlorobenzene	13.80	180	2524	1.010 ug/L		97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121118\
Data File : VV008898.D
Acq On : 11 Dec 2018 14:18
Operator : SY/MD
Sample : MDL06
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 12 04:51:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 04:31:38 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
12/12/2018 11:26:35 AM