Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014535.D
Acq On : 07 Feb 2020 13:44
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:31 AM

Quant Time: Feb 08 00:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349455	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	328147	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	162289	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	81925	43.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.46%			
7) Chloroethane-d5	1.58	69	57253	43.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.68%			
11) 1,1-Dichloroethene-d2	2.13	63	99721	34.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.30%			
21) 2-Butanone-d5	3.92	46	147907	101.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.11%			
24) Chloroform-d	4.40	84	205417	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
26) 1,2-Dichloroethane-d4	5.08	65	133656	50.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.42%			
32) Benzene-d6	5.10	84	443004	48.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.50%			
36) 1,2-Dichloropropane-d6	6.11	67	135983	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.60%			
41) Toluene-d8	7.36	98	415906	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.42%			
43) trans-1,3-Dichloropropene-	7.66	79	72153	48.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.58%			
47) 2-Hexanone-d5	8.13	63	122329	103.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.20%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	182661	50.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.96%			
66) 1,2-Dichlorobenzene-d4	11.67	152	158701	50.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	7093	2.534	ug/L	99
3) Chloromethane	1.26	50	7019	2.476	ug/L	97
5) Vinyl chloride	1.32	62	4630	2.133	ug/L #	58
6) Bromomethane	1.53	94	2186	2.190	ug/L	94
8) Chloroethane	1.60	64	2612	2.421	ug/L	95
9) Trichlorofluoromethane	1.77	101	7005	2.395	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4366	3.109	ug/L #	80
12) 1,1-Dichloroethene	2.14	96	4144	3.085	ug/L #	1
13) Acetone	2.19	43	6639	5.420	ug/L	91
14) Carbon disulfide	2.32	76	14647	2.246	ug/L	97
15) Methyl Acetate	2.46	43	5732	2.434	ug/L	98
16) Methylene chloride	2.54	84	7053	2.765	ug/L	93
17) trans-1,2-Dichloroethene	2.79	96	5558	2.349	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	18075	2.412	ug/L	97
19) 1,1-Dichloroethane	3.23	63	10235	2.419	ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	6304	2.367	ug/L	100
22) 2-Butanone	4.03	43	8406m	4.640	ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014535.D
Acq On : 07 Feb 2020 13:44
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:31 AM

Quant Time: Feb 08 00:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	3178	2.520 ug/L		85
25) Chloroform	4.43	83	17167	3.990 ug/L		99
27) 1,2-Dichloroethane	5.18	62	7677	2.395 ug/L		98
29) Cyclohexane	4.72	56	8830	2.189 ug/L		96
30) 1,1,1-Trichloroethane	4.66	97	9213	2.460 ug/L		99
31) Carbon tetrachloride	4.88	117	7987	2.417 ug/L		97
33) Benzene	5.15	78	23425	2.428 ug/L		100
34) Trichloroethene	5.96	95	5599	2.190 ug/L		94
35) Methylcyclohexane	6.17	83	9702	2.322 ug/L		98
37) 1,2-Dichloropropane	6.22	63	5806	2.363 ug/L	#	95
38) Bromodichloromethane	6.55	83	7769	2.356 ug/L		95
39) cis-1,3-Dichloropropene	7.07	75	10192	2.486 ug/L		91
40) 4-Methyl-2-pentanone	7.27	43	14325	4.511 ug/L		99
42) Toluene	7.43	91	24782	2.396 ug/L		96
44) trans-1,3-Dichloropropene	7.69	75	8768	2.386 ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	5843	2.479 ug/L		96
46) Tetrachloroethene	8.02	164	4491	2.302 ug/L		90
48) 2-Hexanone	8.18	43	12442	5.090 ug/L	#	93
49) Dibromochloromethane	8.29	129	6104	2.293 ug/L		96
50) 1,2-Dibromoethane	8.39	107	6106	2.391 ug/L	#	97
51) Chlorobenzene	8.92	112	17162	2.540 ug/L		96
52) Ethylbenzene	9.05	91	27255	2.350 ug/L		98
53) m,p-Xylene	9.18	106	10671	2.388 ug/L		97
54) o-Xylene	9.59	106	10236	2.393 ug/L		99
55) Styrene	9.60	104	16366	2.239 ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.28	83	10047	2.719 ug/L		99
59) Bromoform	9.77	173	3981	2.199 ug/L	#	95
60) Isopropylbenzene	9.97	105	25976	2.367 ug/L		100
61) 1,2,3-Trichloropropane	10.31	75	7147	2.487 ug/L		97
62) 1,3,5-Trimethylbenzene	10.58	105	21589	2.298 ug/L		97
63) 1,2,4-Trimethylbenzene	10.95	105	20958	2.263 ug/L		97
64) 1,3-Dichlorobenzene	11.22	146	12811	2.475 ug/L		99
65) 1,4-Dichlorobenzene	11.31	146	13610	2.554 ug/L		99
67) 1,2-Dichlorobenzene	11.68	146	12829	2.556 ug/L		92
68) 1,2-Dibromo-3-chloropropan	12.47	75	2150	2.671 ug/L		96
69) 1,3,5-Trichlorobenzene	12.69	180	8575	2.351 ug/L		97
70) 1,2,4-trichlorobenzene	13.31	180	7789	2.326 ug/L		97
71) Naphthalene	13.55	128	25982	2.362 ug/L		99
72) 1,2,3-Trichlorobenzene	13.79	180	7225	2.221 ug/L		97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014535.D
Acq On : 07 Feb 2020 13:44
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 00:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:31 AM