Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020820\
Data File : VV014536.D
Acq On : 07 Feb 2020 14:08
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 08 00:48:09 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 : MDL04

Manual Integrations APPROVED
MMDadoda
2/10/2020 11:56:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	348945	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	326915	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	164217	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	80719	42.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.32%			
7) Chloroethane-d5	1.59	69	57509	44.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.13	63	100326	34.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.82%			
21) 2-Butanone-d5	3.92	46	146000	99.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.95%			
24) Chloroform-d	4.40	84	203920	47.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.58%			
26) 1,2-Dichloroethane-d4	5.08	65	132504	50.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.68%			
32) Benzene-d6	5.10	84	439952	48.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.20%			
36) 1,2-Dichloropropane-d6	6.11	67	136862	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.62%			
41) Toluene-d8	7.36	98	414129	49.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.36%			
43) trans-1,3-Dichloropropene-	7.66	79	70591	47.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.86%			
47) 2-Hexanone-d5	8.13	63	119771	101.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.42%			
56) 1,1,2,2-Tetrachloroethane-	10.25	84	179757	49.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.74%			
66) 1,2-Dichlorobenzene-d4	11.67	152	158585	50.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	6959	2.490	ug/L	97
3) Chloromethane	1.26	50	7076	2.500	ug/L	90
5) Vinyl chloride	1.33	62	5207	2.402	ug/L #	67
6) Bromomethane	1.54	94	2216	2.223	ug/L	87
8) Chloroethane	1.60	64	2444	2.269	ug/L	97
9) Trichlorofluoromethane	1.77	101	8028	2.749	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4256	3.035	ug/L	86
12) 1,1-Dichloroethene	2.15	96	3794	2.829	ug/L #	1
13) Acetone	2.18	43	6206	5.074	ug/L	97
14) Carbon disulfide	2.32	76	15886	2.440	ug/L	98
15) Methyl Acetate	2.46	43	5586	2.375	ug/L	97
16) Methylene chloride	2.54	84	7052	2.769	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	6222	2.633	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	18259	2.440	ug/L	97
19) 1,1-Dichloroethane	3.23	63	10691	2.530	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	7005	2.634	ug/L	85
22) 2-Butanone	4.03	43	8006m	4.426	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	3279	2.604 ug/L		87
25) Chloroform	4.42	83	17198	4.003 ug/L		99
27) 1,2-Dichloroethane	5.18	62	8345	2.607 ug/L	#	93
29) Cyclohexane	4.72	56	9719	2.418 ug/L		95
30) 1,1,1-Trichloroethane	4.66	97	9566	2.564 ug/L		99
31) Carbon tetrachloride	4.88	117	8254	2.508 ug/L		94
33) Benzene	5.15	78	23967	2.494 ug/L		100
34) Trichloroethene	5.96	95	6166	2.420 ug/L		94
35) Methylcyclohexane	6.18	83	9663	2.321 ug/L		95
37) 1,2-Dichloropropane	6.22	63	6859	2.802 ug/L	#	92
38) Bromodichloromethane	6.55	83	8421	2.563 ug/L		96
39) cis-1,3-Dichloropropene	7.07	75	9737	2.384 ug/L		99
40) 4-Methyl-2-pentanone	7.27	43	13933	4.404 ug/L		98
42) Toluene	7.43	91	27210	2.641 ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	9223	2.519 ug/L		93
45) 1,1,2-Trichloroethane	7.88	97	5545	2.361 ug/L		96
46) Tetrachloroethene	8.02	164	4990	2.568 ug/L		96
48) 2-Hexanone	8.18	43	13654	5.606 ug/L	#	92
49) Dibromochloromethane	8.29	129	6343	2.392 ug/L		92
50) 1,2-Dibromoethane	8.39	107	6509	2.559 ug/L		99
51) Chlorobenzene	8.92	112	17123	2.544 ug/L		99
52) Ethylbenzene	9.05	91	28722	2.485 ug/L		99
53) m,p-Xylene	9.18	106	11246	2.526 ug/L		88
54) o-Xylene	9.58	106	10826	2.541 ug/L		93
55) Styrene	9.60	104	17866	2.454 ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.28	83	10014	2.720 ug/L	#	96
59) Bromoform	9.77	173	4195	2.290 ug/L	#	96
60) Isopropylbenzene	9.97	105	27485	2.475 ug/L		99
61) 1,2,3-Trichloropropane	10.31	75	7598	2.613 ug/L		98
62) 1,3,5-Trimethylbenzene	10.58	105	22020	2.316 ug/L		94
63) 1,2,4-Trimethylbenzene	10.96	105	22189	2.367 ug/L		99
64) 1,3-Dichlorobenzene	11.22	146	13828	2.640 ug/L		94
65) 1,4-Dichlorobenzene	11.31	146	14292	2.650 ug/L		96
67) 1,2-Dichlorobenzene	11.68	146	13714	2.700 ug/L		91
68) 1,2-Dibromo-3-chloropropan	12.47	75	2178	2.674 ug/L		97
69) 1,3,5-Trichlorobenzene	12.69	180	8861	2.401 ug/L		96
70) 1,2,4-trichlorobenzene	13.31	180	8319	2.455 ug/L		97
71) Naphthalene	13.55	128	27067	2.432 ug/L		98
72) 1,2,3-Trichlorobenzene	13.79	180	8115	2.465 ug/L		98

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

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