Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016566.D
Acq On : 06 Jun 2020 04:03
Operator : SY/MD
Sample : L2862-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 06 07:31:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	401663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192252	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	113676	39.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.92%			
7) Chloroethane-d5	1.56	69	82316	40.08	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.16%			
11) 1,1-Dichloroethene-d2	2.12	63	153579	30.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.90%			
21) 2-Butanone-d5	3.90	46	181280	99.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.65%			
24) Chloroform-d	4.37	84	235825	44.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.34%			
26) 1,2-Dichloroethane-d4	5.07	65	169837	47.50	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.00%			
32) Benzene-d6	5.08	84	480078	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.64%			
36) 1,2-Dichloropropane-d6	6.09	67	145787	45.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.26%			
41) Toluene-d8	7.34	98	441330	47.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.64	79	70201	45.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.18%			
47) 2-Hexanone-d5	8.11	63	147506	107.81	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.81%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190486	43.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.92%			
64) 1,2-Dichlorobenzene-d4	11.65	152	180534	49.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.94%			
Target Compounds						Qvalue
13) Acetone	2.17	43	11484	6.755	ug/L	90
29) Cyclohexane	4.70	56	232106	51.092	ug/L	98
33) Benzene	5.12	78	34457262m	3060.980	ug/L	
35) Methylcyclohexane	6.15	83	13915	3.282	ug/L	91
40) 4-Methyl-2-pentanone	7.25	43	151038	37.411	ug/L	100
42) Toluene	7.41	91	7325889	614.158	ug/L	98
52) Ethylbenzene	9.04	91	7922236	610.218	ug/L	98
53) m,p-Xylene	9.16	106	561249	114.650	ug/L	99
54) o-xylene	9.57	106	767523	161.888	ug/L	99
56) Isopropylbenzene	9.95	105	198810	16.144	ug/L	99

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

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