Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062419\
Data File : VU033002.D
Acq On : 24 Jun 2019 13:13
Operator : JC/SP
Sample : K3478-08MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF22MSD

Quant Time: Jun 25 06:37:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 05:22:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	189259	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184496	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90514	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	55193	42.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.34%			
7) Chloroethane-d5	1.67	69	48496	47.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.02%			
11) 1,1-Dichloroethene-d2	2.27	63	123054	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.46%			
21) 2-Butanone-d5	4.17	46	123802	115.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.00%			
24) Chloroform-d	4.64	84	126393	50.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.54%			
26) 1,2-Dichloroethane-d4	5.30	65	92214	55.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.12%			
32) Benzene-d6	5.33	84	247273	51.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.82%			
36) 1,2-Dichloropropane-d6	6.32	67	80559	52.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.16%			
41) Toluene-d8	7.56	98	228125	50.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.30%			
43) trans-1,3-Dichloropropene-	7.84	79	40257	50.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.02%			
47) 2-Hexanone-d5	8.31	63	75403	105.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.40%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121421	51.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	92864	53.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.04%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	3652	2.125	ug/L #	63
12) 1,1-Dichloroethene	2.28	96	57858	48.546	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	3901	3.018	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	102650	72.907	ug/L	97
33) Benzene	5.38	78	275368	51.811	ug/L	100
34) Trichloroethene	6.18	95	92951	65.456	ug/L	98
42) Toluene	7.63	91	294758	51.258	ug/L	99
51) Chlorobenzene	9.11	112	194366	51.364	ug/L	98

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

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