Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018457.D
Acq On : 25 Sep 2020 15:52
Operator : SY/MD
Sample : L4117-03MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA0MSD

Quant Time: Sep 26 02:48:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146736	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	140470	56.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.36%			
7) Chloroethane-d5	1.58	69	116387	57.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.78%			
11) 1,1-Dichloroethene-d2	2.12	63	248459	54.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.32%			
21) 2-Butanone-d5	3.92	46	177786	117.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.21%			
24) Chloroform-d	4.38	84	237877	55.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.64%			
26) 1,2-Dichloroethane-d4	5.06	65	156027	56.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.22%			
32) Benzene-d6	5.08	84	505587	61.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.42%			
36) 1,2-Dichloropropane-d6	6.09	67	157637	60.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.12%#			
41) Toluene-d8	7.34	98	458966	60.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.94%#			
43) trans-1,3-Dichloropropene-	7.64	79	80272	60.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.36%			
47) 2-Hexanone-d5	8.11	63	114398	115.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.07%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	194792	59.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.26%			
64) 1,2-Dichlorobenzene-d4	11.65	152	189311	62.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 125.64%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	106938	53.559	ug/L	90
17) trans-1,2-Dichloroethene	2.78	96	1534	0.745	ug/L	80
19) 1,1-Dichloroethane	3.22	63	20429	5.251	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	10067	4.577	ug/L	99
33) Benzene	5.13	78	447499	54.242	ug/L	100
34) Trichloroethene	5.94	95	356557	158.652	ug/L	99
42) Toluene	7.41	91	474991	54.404	ug/L	100
51) Chlorobenzene	8.90	112	308083	54.335	ug/L	98

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

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