

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018834.D
 Acq On : 10 Oct 2020 15:49
 Operator : SY/MD
 Sample : L4287-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK2

Quant Time: Oct 12 05:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309731	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293936	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140082	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95403	33.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.80%
7) Chloroethane-d5	1.58	69	87138	38.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.94%
11) 1,1-Dichloroethene-d2	2.12	63	163396	30.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.22%
21) 2-Butanone-d5	3.92	46	194442	112.52	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.52%
24) Chloroform-d	4.38	84	210607	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
26) 1,2-Dichloroethane-d4	5.06	65	152091	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
32) Benzene-d6	5.08	84	404747	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.58%
36) 1,2-Dichloropropane-d6	6.09	67	139633	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.54%
41) Toluene-d8	7.34	98	350967	41.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.64	79	61628	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.11	63	111697	103.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.32%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	175144	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	148197	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	11113	4.064	ug/L # 82
12) 1,1-Dichloroethene	2.14	96	24670	11.508	ug/L # 41
17) trans-1,2-Dichloroethene	2.78	96	160257	70.825	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	6407460	2679.420	ug/L 99
34) Trichloroethene	5.94	95	4718600	1758.114	ug/L 99
46) Tetrachloroethene	8.02	164	17482463	8888.031	ug/L 86
58) 1,1,2,2-Tetrachloroethane	10.26	83	10591	3.300	ug/L # 93

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

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