

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072420\
 Data File : VU039672.D
 Acq On : 24 Jul 2020 18:24
 Operator : SY/MD
 Sample : L3422-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C77

Quant Time: Jul 25 07:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	208382	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	200228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	90665	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	50293	37.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.14%
7) Chloroethane-d5	1.92	69	54567	33.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.12%#
11) 1,1-Dichloroethene-d2	2.58	63	131944	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
21) 2-Butanone-d5	4.65	46	133261	85.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.09%
24) Chloroform-d	5.08	84	121161	39.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.44%
26) 1,2-Dichloroethane-d4	5.72	65	90805	41.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.30%
32) Benzene-d6	5.75	84	232255	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
36) 1,2-Dichloropropane-d6	6.71	67	78212	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.80%
41) Toluene-d8	7.91	98	212986	40.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.42%
43) trans-1,3-Dichloropropene-	8.19	79	35072	38.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.22%
47) 2-Hexanone-d5	8.64	63	84448	84.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.91%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	117243	40.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.22%
64) 1,2-Dichlorobenzene-d4	12.19	152	85428	43.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.18%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.59	96	80692	67.880 ug/L	83
19) 1,1-Dichloroethane	3.89	63	2782	1.078 ug/L #	87
20) cis-1,2-Dichloroethene	4.69	96	7633	5.049 ug/L	100
25) Chloroform	5.11	83	4702	1.642 ug/L	79
34) Trichloroethene	6.56	95	107732	73.808 ug/L	98

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

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