

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037593.D
 Acq On : 06 Apr 2020 16:16
 Operator : JC/MD
 Sample : L2158-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F03

Quant Time: Apr 07 02:00:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	196146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	183588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49784	31.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.50%
7) Chloroethane-d5	1.93	69	43051	33.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.28%#
11) 1,1-Dichloroethene-d2	2.59	63	73842	27.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.16%#
21) 2-Butanone-d5	4.66	46	96724	80.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.79%
24) Chloroform-d	5.11	84	94920	35.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.74%
26) 1,2-Dichloroethane-d4	5.74	65	63511	35.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.28%
32) Benzene-d6	5.76	84	191749	36.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.10%
36) 1,2-Dichloropropane-d6	6.72	67	66163	36.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.90%
41) Toluene-d8	7.92	98	175932	35.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.98%#
43) trans-1,3-Dichloropropene-	8.20	79	34397	35.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.76%
47) 2-Hexanone-d5	8.65	63	77105	81.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.27%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97173	37.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	64374	36.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.88%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	8648	8.242	ug/L	# 1
13) Acetone	2.66	43	2056	2.971	ug/L	79
19) 1,1-Dichloroethane	3.92	63	3462	1.564	ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	28046	21.556	ug/L	95
25) Chloroform	5.12	83	5189	2.248	ug/L	98
31) Carbon tetrachloride	5.56	117	1932	1.206	ug/L	90
34) Trichloroethene	6.57	95	638503	507.626	ug/L	97
42) Toluene	7.99	91	6258	1.202	ug/L	93
46) Tetrachloroethene	8.57	164	17537	20.765	ug/L	93

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

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