

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037046.D
 Acq On : 04 Mar 2020 18:11
 Operator : JC/MD
 Sample : L1784-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ2

Manual Integrations
 APPROVED

sam
 3/5/2020 3:34:25 PM

Quant Time: Mar 05 01:51:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265238	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91771	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	88814	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.59	63	129322	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.34%
21) 2-Butanone-d5	4.67	46	144427	96.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.67%
24) Chloroform-d	5.11	84	161368	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.74	65	113194	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.76	84	352244	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
36) 1,2-Dichloropropane-d6	6.73	67	109464	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.93	98	298402	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	8.20	79	47200	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.66	63	100236	88.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155820	47.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	91012	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	14747	8.706	ug/L	97
12) 1,1-Dichloroethene	2.60	96	14911	8.704	ug/L	# 1
13) Acetone	2.66	43	4522	2.942	ug/L	75
20) cis-1,2-Dichloroethene	4.71	96	117766	57.229	ug/L	100
25) Chloroform	5.13	83	7012	2.032	ug/L	94
30) 1,1,1-Trichloroethane	5.36	97	62201	23.533	ug/L	99
34) Trichloroethene	6.58	95	19651173m	10266.104	ug/L	
45) 1,1,2-Trichloroethane	8.43	97	7194	3.858	ug/L	95
46) Tetrachloroethene	8.57	164	1609	1.276	ug/L	89

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

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