

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037117.D
 Acq On : 06 Mar 2020 18:33
 Operator : JC/MD
 Sample : L1834-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF2

Manual Integrations
 APPROVED

sam
 3/11/2020 3:30:10 PM

Quant Time: Mar 07 02:26:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262742	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86293	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85644	38.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.64%
7) Chloroethane-d5	1.93	69	79989	43.81	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.59	63	114822	31.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.16%
21) 2-Butanone-d5	4.67	46	133276	90.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.05%
24) Chloroform-d	5.10	84	147319	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.74	65	102515	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
32) Benzene-d6	5.76	84	318391	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
36) 1,2-Dichloropropane-d6	6.72	67	105620	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.92	98	278306	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	8.20	79	42079	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.06%
47) 2-Hexanone-d5	8.66	63	89815	78.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	143166	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	81341	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%

Target Compounds

					Ovalue
13) Acetone	2.66	43	4404	2.893	ug/L 98
34) Trichloroethene	6.57	95	2776	1.425	ug/L 96
63) 1,4-Dichlorobenzene	11.85	146	3197	1.156	ug/L 95
65) 1,2-Dichlorobenzene	12.23	146	2404	0.860	ug/L 94
67) 1,3,5-Trichlorobenzene	13.25	180	1695m	0.954	ug/L
68) 1,2,4-trichlorobenzene	13.87	180	2591	1.946	ug/L 89
70) 1,2,3-Trichlorobenzene	14.37	180	2786	2.094	ug/L 94

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

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