

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033430.D
 Acq On : 25 Jul 2019 23:23
 Operator : JC/SP
 Sample : K3976-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB7

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 10:53:33 AM

Quant Time: Jul 26 07:37:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	278280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	121441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	126136	60.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.18%
7) Chloroethane-d5	1.67	69	111566	62.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.48%
11) 1,1-Dichloroethene-d2	2.25	63	156593	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.94%
21) 2-Butanone-d5	4.15	46	148451	112.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.55%
24) Chloroform-d	4.62	84	189213	54.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.48%
26) 1,2-Dichloroethane-d4	5.29	65	132109	59.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.08%
32) Benzene-d6	5.32	84	399008	58.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.90%
36) 1,2-Dichloropropane-d6	6.31	67	128476	58.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.50%
41) Toluene-d8	7.55	98	364634	56.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.28%
43) trans-1,3-Dichloropropene-	7.83	79	56610	52.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.58%
47) 2-Hexanone-d5	8.29	63	107018	108.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.55%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	188683	57.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	135180	62.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.84%#

Target Compounds

					Ovalue
13) Acetone	2.31	43	4005	2.430 ug/L	94
25) Chloroform	4.65	83	22548	5.814 ug/L	100
31) Carbon tetrachloride	5.11	117	2473m	0.870 ug/L	
34) Trichloroethene	6.16	95	43339	20.420 ug/L	96
46) Tetrachloroethene	8.21	164	85234	51.877 ug/L	98

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

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