

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031182.D
 Acq On : 14 Apr 2019 01:36
 Operator : JC/SP
 Sample : K2339-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC48

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:02:07 PM

Quant Time: Apr 14 02:46:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 02:24:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459826	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	189888	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.40%
7) Chloroethane-d5	1.67	69	148685	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.26%
11) 1,1-Dichloroethene-d2	2.26	63	262442	34.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.08%
21) 2-Butanone-d5	4.17	46	327625	98.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.39%
24) Chloroform-d	4.64	84	330476	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
26) 1,2-Dichloroethane-d4	5.30	65	219001	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.34	84	658569	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	6.32	67	223486	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.56	98	550050	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.85	79	87669	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.58%
47) 2-Hexanone-d5	8.31	63	190070	90.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310219	49.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	194431	55.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	36490	10.710	ug/L	98
22) 2-Butanone	4.29	43	9154m	2.291	ug/L	
34) Trichloroethene	6.19	95	14861	4.027	ug/L	90

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

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