

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031095.D
 Acq On : 12 Apr 2019 01:46
 Operator : JC/SP
 Sample : K2339-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC47

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:46:23 PM

Quant Time: Apr 12 07:38:58 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Apr 12 07:24:02 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	522886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	515531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171400	36.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.44%
7) Chloroethane-d5	1.68	69	149199	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.24%
11) 1,1-Dichloroethene-d2	2.27	63	244336	28.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.88%#
21) 2-Butanone-d5	4.17	46	348232	94.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.13%
24) Chloroform-d	4.64	84	322728	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.30	65	222899	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
32) Benzene-d6	5.33	84	628391	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
36) 1,2-Dichloropropane-d6	6.32	67	222083	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.12%
41) Toluene-d8	7.56	98	525743	39.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.82%#
43) trans-1,3-Dichloropropene-	7.85	79	90782	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
47) 2-Hexanone-d5	8.31	63	189534	80.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315046	45.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	203961	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds					Ovalue
13) Acetone	2.32	43	55105	14.557 ug/L	99
16) Methylene chloride	2.70	84	4028m	0.917 ug/L	
22) 2-Butanone	4.28	43	16409	3.697 ug/L	83

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

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