

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031096.D
 Acq On : 12 Apr 2019 02:09
 Operator : JC/SP
 Sample : K2339-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC51

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 5:46:29 PM

Quant Time: Apr 12 07:42:38 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	509510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	506795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220302	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	169292	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.44%
7) Chloroethane-d5	1.68	69	139645	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.90%
11) 1,1-Dichloroethene-d2	2.27	63	240571	29.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.48%#
21) 2-Butanone-d5	4.17	46	335870	93.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.17%
24) Chloroform-d	4.64	84	317534	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.30	65	216617	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
32) Benzene-d6	5.34	84	601673	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.34%
36) 1,2-Dichloropropane-d6	6.32	67	216639	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.56	98	517214	39.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.88%#
43) trans-1,3-Dichloropropene-	7.85	79	90023	38.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.88%
47) 2-Hexanone-d5	8.31	63	186970	80.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313488	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	202081	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%

Target Compounds

					Ovalue
13) Acetone	2.32	43	48607	13.177 ug/L	98
16) Methylene chloride	2.70	84	4552	1.064 ug/L	97
18) Methyl tert-butyl Ether	2.99	73	13275	1.060 ug/L #	89
22) 2-Butanone	4.28	43	16552m	3.827 ug/L	
34) Trichloroethene	6.19	95	2270	0.558 ug/L	86

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

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