

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030419\
 Data File : VU029782.D
 Acq On : 04 Mar 2019 14:01
 Operator : JC/SP
 Sample : K1657-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB658

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 10:57:08 AM

Quant Time: Mar 05 01:10:19 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Mar 05 00:37:02 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	438980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212784	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119941	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.58%
7) Chloroethane-d5	1.68	69	109367	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.48%
11) 1,1-Dichloroethene-d2	2.27	63	175990	27.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.98%#
21) 2-Butanone-d5	4.17	46	220146	112.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	4.64	84	247625	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.31	65	153576	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
32) Benzene-d6	5.34	84	527553	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	6.33	67	165328	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.80%
41) Toluene-d8	7.56	98	481519	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%
43) trans-1,3-Dichloropropene-	7.85	79	75536	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.31	63	181218	101.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	264572	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	209763	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%

Target Compounds					Qvalue
13) Acetone	2.32	43	21665	10.357 ug/L	97
22) 2-Butanone	4.29	43	5857m	2.453 ug/L	

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

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