

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032947.D
 Acq On : 21 Jun 2019 16:01
 Operator : JC/SP
 Sample : K3469-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-13-8.0-061919

Quant Time: Jun 22 01:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:32:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	198481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92204	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49320	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.64%
7) Chloroethane-d5	1.67	69	44351	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.78%
11) 1,1-Dichloroethene-d2	2.26	63	77840	28.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.14%#
21) 2-Butanone-d5	4.17	46	123067	107.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.64	84	117022	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.30	65	82411	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.33	84	216338	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
36) 1,2-Dichloropropane-d6	6.32	67	73016	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.60%
41) Toluene-d8	7.56	98	191598	39.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.08%#
43) trans-1,3-Dichloropropene-	7.84	79	34085	39.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.50%
47) 2-Hexanone-d5	8.31	63	71799	93.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.29%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	112921	44.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	80627	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%

Target Compounds

					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	49950	33.329 ug/L	96
34) Trichloroethene	6.18	95	32938	21.561 ug/L	98
46) Tetrachloroethene	8.22	164	45777	36.568 ug/L	98

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

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