

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031187.D
 Acq On : 14 Apr 2019 03:34
 Operator : JC/SP
 Sample : K2339-11DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC34DL

Quant Time: Apr 15 12:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 01:39:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	438361	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	167793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	177456	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.67	69	163743	55.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.26%
11) 1,1-Dichloroethene-d2	2.26	63	311869	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
21) 2-Butanone-d5	4.17	46	293776	94.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.72%
24) Chloroform-d	4.64	84	296148	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.30	65	203755	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.34	84	574030	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
36) 1,2-Dichloropropane-d6	6.32	67	201894	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.56	98	501748	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	79614	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
47) 2-Hexanone-d5	8.31	63	177322	93.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	275073	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	171354	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	13141	4.337	ug/L	# 1
20) cis-1,2-Dichloroethene	4.22	96	73001	20.549	ug/L	93
30) 1,1,1-Trichloroethane	4.91	97	7399	1.459	ug/L	96
34) Trichloroethene	6.18	95	1197035	358.389	ug/L	96

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

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