

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033407.D
 Acq On : 25 Jul 2019 13:58
 Operator : JC/SP
 Sample : K3957-07MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A12MS

Quant Time: Jul 26 05:31:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:32:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274264	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281984	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	122818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78557	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.68%
7) Chloroethane-d5	1.67	69	79368	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.26	63	163022	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.58%
21) 2-Butanone-d5	4.15	46	125104	95.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.10%
24) Chloroform-d	4.62	84	153984	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.29	65	107587	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.32	84	302945	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
36) 1,2-Dichloropropane-d6	6.31	67	103713	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.55	98	268389	41.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.28%
43) trans-1,3-Dichloropropene-	7.83	79	46069	42.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.80%
47) 2-Hexanone-d5	8.30	63	92433	92.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.53%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	162201	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	108251	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	88641	48.421	ug/L	91
13) Acetone	2.31	43	9451	5.750	ug/L	96
33) Benzene	5.37	78	405554	49.317	ug/L	100
34) Trichloroethene	6.16	95	169898	78.999	ug/L	99
42) Toluene	7.62	91	442098	49.866	ug/L	100
51) Chlorobenzene	9.10	112	284152	49.104	ug/L	99

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

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