

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033408.D
 Acq On : 25 Jul 2019 14:21
 Operator : JC/SP
 Sample : K3957-08MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A12MSD

Quant Time: Jul 26 05:33:41 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	275194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78434	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.30%
7) Chloroethane-d5	1.67	69	79522	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	2.26	63	164130	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
21) 2-Butanone-d5	4.15	46	131688	99.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.77%
24) Chloroform-d	4.62	84	155875	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.29	65	109251	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
32) Benzene-d6	5.32	84	308668	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
36) 1,2-Dichloropropane-d6	6.31	67	105165	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.55	98	274721	42.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.10%
43) trans-1,3-Dichloropropene-	7.83	79	47183	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.72%
47) 2-Hexanone-d5	8.29	63	95052	95.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165931	49.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	112507	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	95411	51.943	ug/L	89
13) Acetone	2.31	43	9337	5.662	ug/L	96
33) Benzene	5.37	78	427727	51.941	ug/L	100
34) Trichloroethene	6.16	95	182541	84.759	ug/L	98
42) Toluene	7.62	91	474437	53.439	ug/L	100
51) Chlorobenzene	9.10	112	305819	52.774	ug/L	99

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

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