

Data File : VU033649.D
Acq On : 08 Aug 2019 19:43
Operator : JC/SP
Sample : K4161-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOD7MSD

Quant Time: Aug 09 08:30:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	282743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130492	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	140186	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.67	69	124201	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.94%
11) 1,1-Dichloroethene-d2	2.26	63	232629	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.16%
21) 2-Butanone-d5	4.15	46	240752	102.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.99%
24) Chloroform-d	4.62	84	241735	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.29	65	166141	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.32	84	498143	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
36) 1,2-Dichloropropane-d6	6.31	67	162876	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.55	98	439184	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.83	79	75617	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.29	63	168271	100.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.67%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	243890	46.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	175788	49.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.62%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.27	96	93980	46.988 ug/L	93
13) Acetone	2.31	43	4500	2.830 ug/L	97
33) Benzene	5.37	78	439581	49.453 ug/L	100
34) Trichloroethene	6.17	95	109367	47.968 ug/L	97
42) Toluene	7.62	91	468939	49.193 ug/L	100
51) Chlorobenzene	9.10	112	302735	48.558 ug/L	100

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

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