

Data File : VU034905.D
Acq On : 01 Oct 2019 22:04
Operator : JC/SP
Sample : K5028-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 02 04:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	354161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	340349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	151116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	100653	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.10%
7) Chloroethane-d5	1.67	69	91036	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.30%
11) 1,1-Dichloroethene-d2	2.26	63	155963	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
21) 2-Butanone-d5	4.15	46	281065	116.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.04%
24) Chloroform-d	4.62	84	222942	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.29	65	164103	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
32) Benzene-d6	5.32	84	434899	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
36) 1,2-Dichloropropane-d6	6.31	67	154535	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.02%
41) Toluene-d8	7.54	98	408931	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%
43) trans-1,3-Dichloropropene-	7.83	79	67698	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.96%
47) 2-Hexanone-d5	8.29	63	187414	122.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	221717	48.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.46%
64) 1,2-Dichlorobenzene-d4	11.84	152	148469	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

						Qvalue
13) Acetone	2.31	43	107032	55.599	ug/L	100
15) Methyl Acetate	2.61	43	4266m	1.388	ug/L	
16) Methylene chloride	2.68	84	1940931	1000.381	ug/L	96
22) 2-Butanone	4.25	43	32905	13.160	ug/L	99
42) Toluene	7.62	91	22411	2.869	ug/L	96
52) Ethylbenzene	9.23	91	11272	1.229	ug/L	94
53) m,p-Xylene	9.35	106	11938	3.727	ug/L	90
54) o-xylene	9.76	106	10772	3.188	ug/L	99

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

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