

Data File : VU034831.D
Acq On : 26 Sep 2019 02:36
Operator : JC/SP
Sample : K4983-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDL2

Manual Integrations
APPROVED

MMDadoda
10/11/2019 8:33:24 AM

Quant Time: Oct 11 02:23:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 09 02:24:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	427282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	409438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	188811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	183759	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.67	69	160438	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.92%
11) 1,1-Dichloroethene-d2	2.26	63	251236	33.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.84%
21) 2-Butanone-d5	4.15	46	422742	126.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.10%
24) Chloroform-d	4.62	84	317441	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	5.29	65	224834	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.32	84	671071	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
36) 1,2-Dichloropropane-d6	6.31	67	236044	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.44%
41) Toluene-d8	7.54	98	647960	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%
43) trans-1,3-Dichloropropene-	7.83	79	99642	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.29	63	280170	125.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.76%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	329451	53.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	227447	57.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.90%

Target Compounds

						Qvalue
13) Acetone	2.31	43	197841	50.731	ug/L	94
15) Methyl Acetate	2.60	43	10212m	1.960	ug/L	
16) Methylene chloride	2.68	84	3100534	875.568	ug/L	96
22) 2-Butanone	4.24	43	83777m	18.057	ug/L	
42) Toluene	7.62	91	23021	1.500	ug/L	99
53) m,p-Xylene	9.35	106	49362	8.064	ug/L	98
54) o-xylene	9.76	106	44969	7.428	ug/L	92
56) Isopropylbenzene	10.14	105	24327	1.490	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	14393	2.179	ug/L	94

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

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