

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034823.D
 Acq On : 25 Sep 2019 23:28
 Operator : JC/SP
 Sample : K4983-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDMS

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 1:42:32 PM

Quant Time: Sep 26 13:24:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 06:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	430627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	405958	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	190312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	184394	41.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.66%
7) Chloroethane-d5	1.67	69	168010	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.26	63	253532	33.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.92%
21) 2-Butanone-d5	4.15	46	443139	131.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.15%#
24) Chloroform-d	4.62	84	321633m	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.29	65	226452	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
32) Benzene-d6	5.32	84	694669	55.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.42%
36) 1,2-Dichloropropane-d6	6.31	67	241277	54.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.72%
41) Toluene-d8	7.54	98	660534	55.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.36%
43) trans-1,3-Dichloropropene-	7.83	79	105154	49.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.84%
47) 2-Hexanone-d5	8.29	63	301484	136.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.49%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	339400	55.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.24%
64) 1,2-Dichlorobenzene-d4	11.84	152	240490	60.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.52%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	162996	41.472	ug/L	95
16) Methylene chloride	2.68	84	48544	13.602	ug/L	94
22) 2-Butanone	4.25	43	53713	11.487	ug/L	80
33) Benzene	5.37	78	82290	5.845	ug/L	100
34) Trichloroethene	6.17	95	6125	1.761	ug/L	90
42) Toluene	7.62	91	127767	8.397	ug/L	97
51) Chlorobenzene	9.10	112	25928	2.803	ug/L	99
52) Ethylbenzene	9.23	91	121219	7.074	ug/L	99
53) m,p-Xylene	9.35	106	86646	14.277	ug/L	92
54) o-xylene	9.76	106	67984	11.325	ug/L	92
56) Isopropylbenzene	10.15	105	47200	2.916	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	9402	1.400	ug/L	92
65) 1,2-Dichlorobenzene	11.86	146	63992	9.610	ug/L	99

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

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