

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034672.D
 Acq On : 20 Sep 2019 01:20
 Operator : JC/SP
 Sample : K4895-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDH4

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 12:46:31 PM

Quant Time: Sep 20 07:07:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	498615	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	480379	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	228592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	225808	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.67	69	186554	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.58%
11) 1,1-Dichloroethene-d2	2.26	63	301950	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	4.15	46	425878	108.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.86%
24) Chloroform-d	4.62	84	354787	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.29	65	263361	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.32	84	718469	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
36) 1,2-Dichloropropane-d6	6.31	67	252688	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.54	98	679092	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%
43) trans-1,3-Dichloropropene-	7.83	79	116184	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.29	63	280031	107.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.13%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	341566	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	237052	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	113401	24.919	ug/L	99
15) Methyl Acetate	2.61	43	6641	1.092	ug/L #	72
16) Methylene chloride	2.69	84	4072	0.985	ug/L	83
19) 1,1-Dichloroethane	3.43	63	10754	1.314	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	60179	14.430	ug/L	97
22) 2-Butanone	4.24	43	31358m	5.792	ug/L	
29) Cyclohexane	4.97	56	11082	1.398	ug/L #	62
33) Benzene	5.37	78	384256	23.064	ug/L	100
34) Trichloroethene	6.17	95	4910	1.193	ug/L	85
35) Methylcyclohexane	6.39	83	8706	1.247	ug/L #	80
40) 4-Methyl-2-pentanone	7.44	43	56648	5.981	ug/L	91
42) Toluene	7.61	91	3237296	179.793	ug/L	99
52) Ethylbenzene	9.23	91	680520	33.563	ug/L	100
53) m,p-Xylene	9.35	106	903439	125.799	ug/L	98
54) o-xylene	9.76	106	539734	75.984	ug/L	98
56) Isopropylbenzene	10.14	105	48634	2.539	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	11046	1.370	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.85	146	103167	12.898	ug/L	99

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

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