

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034782.D
 Acq On : 24 Sep 2019 19:33
 Operator : JC/SP
 Sample : K4993-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOH7MSD

Quant Time: Sep 25 06:58:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	605563	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	562420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	246298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213571	34.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.90%
7) Chloroethane-d5	1.67	69	194056	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.26	63	408336	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.78%
21) 2-Butanone-d5	4.15	46	460904	97.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.01%
24) Chloroform-d	4.62	84	396714	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	5.28	65	276931	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.60%
32) Benzene-d6	5.31	84	838863	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
36) 1,2-Dichloropropane-d6	6.31	67	298712	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.54	98	797289	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%
43) trans-1,3-Dichloropropene-	7.83	79	135102	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.60%
47) 2-Hexanone-d5	8.29	63	304470	99.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.49%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	404411	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.84	152	270081	52.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	190699	48.132	ug/L	84
33) Benzene	5.36	78	927438	47.546	ug/L	100
34) Trichloroethene	6.16	95	222870	46.264	ug/L	92
42) Toluene	7.61	91	986702	46.806	ug/L	98
51) Chlorobenzene	9.10	112	608730	47.502	ug/L	95

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

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