

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033895.D
 Acq On : 22 Aug 2019 00:29
 Operator : JC/SP
 Sample : K4454-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2C00

Quant Time: Aug 22 08:37:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 07:18:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	392561	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	405039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	168272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161098	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.22%
7) Chloroethane-d5	1.67	69	133971	40.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.12%
11) 1,1-Dichloroethene-d2	2.25	63	199590	33.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.62%
21) 2-Butanone-d5	4.15	46	202801	109.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.49%
24) Chloroform-d	4.62	84	254641	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.28	65	169770	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.32	84	511498	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
36) 1,2-Dichloropropane-d6	6.31	67	173590	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.38%
41) Toluene-d8	7.55	98	435686	41.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.10%
43) trans-1,3-Dichloropropene-	7.83	79	69286	40.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.78%
47) 2-Hexanone-d5	8.30	63	122399	90.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	246327	48.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.90%
64) 1,2-Dichlorobenzene-d4	11.84	152	168230	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	1783448	404.483	ug/L	98
8) Chloroethane	1.69	64	65148	21.329	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	134440	47.535	ug/L	97
18) Methyl tert-butyl Ether	2.98	73	279363	33.847	ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	5797402	1894.913	ug/L	94
29) Cyclohexane	4.97	56	29760	6.858	ug/L	98
33) Benzene	5.37	78	18576	1.518	ug/L	100
34) Trichloroethene	6.16	95	796970	244.065	ug/L	99
46) Tetrachloroethene	8.21	164	94342	36.037	ug/L	98

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

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