

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082319\
 Data File : VU033936.D
 Acq On : 23 Aug 2019 12:43
 Operator : JC/SP
 Sample : K4454-03DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B86DL

Quant Time: Aug 26 07:10:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 26 06:54:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	546930	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	551698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	223141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	206210	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.98%
7) Chloroethane-d5	1.67	69	176065	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.56%
11) 1,1-Dichloroethene-d2	2.25	63	304093	35.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.30%
21) 2-Butanone-d5	4.15	46	304321	94.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.29%
24) Chloroform-d	4.62	84	359506	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.28	65	253568	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.31	84	759054	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
36) 1,2-Dichloropropane-d6	6.31	67	254649	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.55	98	651244	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%
43) trans-1,3-Dichloropropene-	7.83	79	108248	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.29	63	189708	89.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	342505	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	238328	52.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.68%

Target Compounds

					Ovalue
17) trans-1,2-Dichloroethene	2.96	96	37502	9.466 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	188859	43.305 ug/L	100
34) Trichloroethene	6.16	95	115123	26.596 ug/L	99
46) Tetrachloroethene	8.21	164	21161	6.291 ug/L	95

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

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