

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033915.D
 Acq On : 22 Aug 2019 21:29
 Operator : JC/SP
 Sample : K4454-08DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2C00DL

Quant Time: Aug 23 04:32:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 02:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	571230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	566973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	240224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	182488	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.86%
7) Chloroethane-d5	1.67	69	162412	40.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.74%
11) 1,1-Dichloroethene-d2	2.25	63	273200	30.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.46%
21) 2-Butanone-d5	4.15	46	350878	104.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.09%
24) Chloroform-d	4.62	84	371638	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
26) 1,2-Dichloroethane-d4	5.28	65	246020	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
32) Benzene-d6	5.31	84	723134	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.31	67	248614	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.55	98	596535	40.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.98%
43) trans-1,3-Dichloropropene-	7.83	79	100810	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.29	63	225260	103.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.65%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	350561	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	239314	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	107998	18.095 ug/L #	68
17) trans-1,2-Dichloroethene	2.96	96	9183	2.219 ug/L	97
18) Methyl tert-butyl Ether	2.98	73	18061	1.442 ug/L #	88
20) cis-1,2-Dichloroethene	4.20	96	358337	78.672 ug/L	98
34) Trichloroethene	6.16	95	51862	11.659 ug/L	98
46) Tetrachloroethene	8.21	164	6577	1.902 ug/L	93

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

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