

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033914.D
 Acq On : 22 Aug 2019 21:05
 Operator : JC/SP
 Sample : K4454-07DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B99DL

Quant Time: Aug 23 04:29:07 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	587402	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	586939	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	245704	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	189448	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.56%
7) Chloroethane-d5	1.67	69	167324	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.90%
11) 1,1-Dichloroethene-d2	2.25	63	278837	30.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.02%
21) 2-Butanone-d5	4.15	46	342136	98.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.62	84	364893	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.28	65	244853	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
32) Benzene-d6	5.32	84	721749	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
36) 1,2-Dichloropropane-d6	6.31	67	249971	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.40%
41) Toluene-d8	7.55	98	600686	39.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.74%#
43) trans-1,3-Dichloropropene-	7.83	79	99135	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.40%
47) 2-Hexanone-d5	8.29	63	215993	96.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	351829	45.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.34%
64) 1,2-Dichlorobenzene-d4	11.84	152	231548	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	107023	17.438	ug/L # 49
17) trans-1,2-Dichloroethene	2.96	96	9442	2.219	ug/L 97
18) Methyl tert-butyl Ether	2.98	73	18631	1.446	ug/L 95
20) cis-1,2-Dichloroethene	4.20	96	354893	75.770	ug/L 98
34) Trichloroethene	6.16	95	49467	10.742	ug/L 99
46) Tetrachloroethene	8.21	164	5918	1.654	ug/L 98

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

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