

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033882.D
 Acq On : 21 Aug 2019 19:21
 Operator : JC/SP
 Sample : K4420-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2C07

Quant Time: Aug 22 07:46:53 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	5.87	114	393811	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	400784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162029	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.46%
7) Chloroethane-d5	1.67	69	148623	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.70%
11) 1,1-Dichloroethene-d2	2.25	63	221865	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.94%
21) 2-Butanone-d5	4.15	46	186996	100.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	4.62	84	274757	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.28	65	180764	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
32) Benzene-d6	5.32	84	538079	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
36) 1,2-Dichloropropane-d6	6.31	67	178239	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	7.55	98	471548	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.83	79	73729	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.29	63	123216	91.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.91%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	248739	49.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.88%
64) 1,2-Dichlorobenzene-d4	11.84	152	179971	54.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.98%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	7444	1.683 ug/L #	58
17) trans-1,2-Dichloroethene	2.96	96	14472	5.101 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	65106	21.213 ug/L	95
34) Trichloroethene	6.17	95	3024	0.936 ug/L	95

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

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