

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\
 Data File : VU033340.D
 Acq On : 19 Jul 2019 16:25
 Operator : JC/SP
 Sample : K3920-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A42M6

Quant Time: Jul 19 23:54:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 22:54:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	315260	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	306956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	146335	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	115325	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.64%
7) Chloroethane-d5	1.67	69	101647	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.72%
11) 1,1-Dichloroethene-d2	2.26	63	177986	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.24%
21) 2-Butanone-d5	4.15	46	171993	113.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.74%
24) Chloroform-d	4.62	84	194794	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.29	65	127313	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
32) Benzene-d6	5.32	84	397578	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.31	67	128360	53.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.42%
41) Toluene-d8	7.55	98	361019	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	7.83	79	59636	50.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.84%
47) 2-Hexanone-d5	8.29	63	114376	105.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	183540	50.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	139650	53.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	31011	8.717	ug/L	95
12) 1,1-Dichloroethene	2.27	96	34926	16.598	ug/L #	55
13) Acetone	2.31	43	7798	4.127	ug/L	93
18) Methyl tert-butyl Ether	2.98	73	61434	9.152	ug/L	99
19) 1,1-Dichloroethane	3.42	63	79831	19.096	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	91599	37.340	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	108027	30.166	ug/L	99
33) Benzene	5.37	78	11676	1.304	ug/L	100
34) Trichloroethene	6.16	95	62431	26.667	ug/L	98
51) Chlorobenzene	9.10	112	10486	1.665	ug/L	94

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

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