

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032819\
 Data File : VU030523.D
 Acq On : 28 Mar 2019 18:34
 Operator : JC/SP
 Sample : K2128-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A5

Quant Time: Mar 29 01:55:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 01:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405257	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	379993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148515	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145135	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	123814	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	217050	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	4.17	46	279545	91.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	4.64	84	267051	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.31	65	180433	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.34	84	527707	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
36) 1,2-Dichloropropane-d6	6.33	67	193866	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.00%
41) Toluene-d8	7.56	98	440528	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloropropene-	7.85	79	79259	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.31	63	167831	83.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258659	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	150579	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	30682	6.470 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	8604	2.909 ug/L #	84
13) Acetone	2.32	43	8406	2.711 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	3578	1.176 ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	385785	113.083 ug/L	97
34) Trichloroethene	6.18	95	493587	155.221 ug/L	100

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

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