

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032515.D
 Acq On : 06 Jun 2019 22:18
 Operator : JC/SP
 Sample : K3224-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C59

Quant Time: Jun 07 07:01:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 05:48:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205011	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102229	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40340	30.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.66%
7) Chloroethane-d5	1.68	69	37995	35.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.10%
11) 1,1-Dichloroethene-d2	2.27	63	66325	25.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.94%#
21) 2-Butanone-d5	4.17	46	106458	95.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.64%
24) Chloroform-d	4.64	84	103524	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.46%
26) 1,2-Dichloroethane-d4	5.30	65	70599	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
32) Benzene-d6	5.33	84	211370	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
36) 1,2-Dichloropropane-d6	6.32	67	69200	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.26%
41) Toluene-d8	7.56	98	198987	41.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.98%
43) trans-1,3-Dichloropropene-	7.85	79	30707	40.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.92%
47) 2-Hexanone-d5	8.31	63	70008	91.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104182	45.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	93475	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	15904	13.848	ug/L	98
51) Chlorobenzene	9.12	112	22126	5.729	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	4628	1.496	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	25935	8.202	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	209668	67.053	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	48756	23.917	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	40153	18.926	ug/L	100

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

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