

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031051.D
 Acq On : 11 Apr 2019 08:03
 Operator : JC/SP
 Sample : K2341-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB715

Quant Time: Apr 11 08:56:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	470807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203981	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	214595	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	172225	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.62%
11) 1,1-Dichloroethene-d2	2.27	63	288784	36.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.92%
21) 2-Butanone-d5	4.17	46	374215	107.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.81%
24) Chloroform-d	4.64	84	359139	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	5.30	65	246662	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.06%
32) Benzene-d6	5.33	84	721891	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.32	67	249242	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.84%
41) Toluene-d8	7.56	98	630059	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%
43) trans-1,3-Dichloropropene-	7.85	79	101709	47.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.70%
47) 2-Hexanone-d5	8.31	63	231367	107.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	334535	52.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	212200	52.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	40214	11.322	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	32691	8.222	ug/L	99
25) Chloroform	4.67	83	76989	10.308	ug/L	98
33) Benzene	5.39	78	9362	0.608	ug/L	100
34) Trichloroethene	6.19	95	22456	5.943	ug/L	93
38) Bromodichloromethane	6.75	83	26369	5.010	ug/L	96
42) Toluene	7.64	91	48813	3.104	ug/L	95
46) Tetrachloroethene	8.22	164	536434	195.259	ug/L	99
49) Dibromochloromethane	8.47	129	10723	2.731	ug/L	94

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

