

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031155.D
 Acq On : 13 Apr 2019 14:44
 Operator : JC/SP
 Sample : K2299-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB709

Quant Time: Apr 15 11:37:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	317002	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116634	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81803	28.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.82%#
7) Chloroethane-d5	1.68	69	92641	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.26%
11) 1,1-Dichloroethene-d2	2.26	63	103921	20.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.60%#
21) 2-Butanone-d5	4.17	46	272401	121.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.46%
24) Chloroform-d	4.64	84	216730	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	5.30	65	170847	57.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.84%
32) Benzene-d6	5.33	84	377301	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.24%
36) 1,2-Dichloropropane-d6	6.32	67	154945	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.54%
41) Toluene-d8	7.56	98	263030	32.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.68%#
43) trans-1,3-Dichloropropene-	7.85	79	56716	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
47) 2-Hexanone-d5	8.31	63	151703	105.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	247939	58.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	113223	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

					Ovalue
13) Acetone	2.31	43	48891	21.303	ug/L 96
16) Methylene chloride	2.69	84	4922	1.849	ug/L 97
20) cis-1,2-Dichloroethene	4.22	96	10501	4.088	ug/L 98
38) Bromodichloromethane	6.76	83	8893	2.531	ug/L 97
42) Toluene	7.64	91	8239	0.785	ug/L 96
46) Tetrachloroethene	8.23	164	3955	2.156	ug/L 92
49) Dibromochloromethane	8.47	129	4405	1.681	ug/L 85

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

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