

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031786.D
 Acq On : 06 May 2019 17:52
 Operator : JC/SP
 Sample : K2705-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B44

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 5:15:10 PM

Quant Time: May 07 09:29:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	637533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	608405	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	234968	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.68	69	190394	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.36%
11) 1,1-Dichloroethene-d2	2.27	63	407678	38.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.74%
21) 2-Butanone-d5	4.18	46	607108	125.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.58%
24) Chloroform-d	4.64	84	482004m	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
26) 1,2-Dichloroethane-d4	5.31	65	342495	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.30%
32) Benzene-d6	5.34	84	891312	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.32	67	346160	52.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.32%
41) Toluene-d8	7.56	98	691966	42.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.04%
43) trans-1,3-Dichloropropene-	7.85	79	132486	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.31	63	330384	116.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	464695	52.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	225416	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	286996	36.190	ug/L	97
12) 1,1-Dichloroethene	2.28	96	80293	16.142	ug/L #	44
13) Acetone	2.33	43	13396	2.460	ug/L	86
17) trans-1,2-Dichloroethene	2.98	96	15310	2.954	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	8970	0.543	ug/L #	68
20) cis-1,2-Dichloroethene	4.22	96	2553652	459.316	ug/L	89
34) Trichloroethene	6.18	95	1458430	268.973	ug/L	94
46) Tetrachloroethene	8.23	164	11524	3.118	ug/L	94

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

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