

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025445.D
 Acq On : 16 Jul 2018 23:48
 Operator : MD/SY
 Sample : J3984-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB186

Quant Time: Jul 17 09:15:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315778	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127605	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78598	46.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.58%
7) Chloroethane-d5	1.68	69	66783	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	125139	34.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.20%
21) 2-Butanone-d5	4.18	46	169487	98.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.79%
24) Chloroform-d	4.65	84	179406	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.31	65	127155	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.35	84	348489	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.33	67	113513	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.26%
41) Toluene-d8	7.57	98	321741	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%
43) trans-1,3-Dichloropropene-	7.85	79	43234	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
47) 2-Hexanone-d5	8.31	63	120768	95.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164487	45.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	128326	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%

Target Compounds

						Ovalue
5) Vinyl chloride	1.40	62	161467	66.97	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	27974	13.55	ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	134116	55.35	ug/L	97
34) Trichloroethene	6.19	95	68599	30.34	ug/L	98
46) Tetrachloroethene	8.23	164	16295	8.70	ug/L	96

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

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