

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025449.D
 Acq On : 17 Jul 2018 01:26
 Operator : MD/SY
 Sample : J3984-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A0

Quant Time: Jul 17 12:46:08 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	321841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76205	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.06%
7) Chloroethane-d5	1.68	69	65054	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.27	63	127467	34.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.16%
21) 2-Butanone-d5	4.18	46	165112	94.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.43%
24) Chloroform-d	4.65	84	178345	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.31	65	124587	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.35	84	340020	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
36) 1,2-Dichloropropane-d6	6.33	67	112871	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.57	98	322555	44.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.72%
43) trans-1,3-Dichloropropene-	7.85	79	42955	35.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.74%
47) 2-Hexanone-d5	8.31	63	119201	93.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.36%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164408	44.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	130966	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	36168	14.72	ug/L	93
13) Acetone	2.32	43	70485	38.29	ug/L	99
14) Carbon disulfide	2.48	76	13516	2.28	ug/L #	94
15) Methyl Acetate	2.62	43	43927	16.05	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	62422	29.66	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	3674702	1487.99	ug/L	99
34) Trichloroethene	6.19	95	91489	39.88	ug/L	98
46) Tetrachloroethene	8.23	164	401503	211.18	ug/L	99

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

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