

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025828.D
 Acq On : 03 Aug 2018 19:11
 Operator : MD/SY
 Sample : J4340-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F68MSD

Quant Time: Aug 03 23:52:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324892	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78948	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.12%
7) Chloroethane-d5	1.68	69	66938	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.27	63	166874	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
21) 2-Butanone-d5	4.18	46	146635	102.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.65	84	182235	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.31	65	126922	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
32) Benzene-d6	5.35	84	355281	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
36) 1,2-Dichloropropane-d6	6.33	67	115486	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.20%
41) Toluene-d8	7.57	98	334539	43.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.85	79	58149	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.92%
47) 2-Hexanone-d5	8.31	63	105949	98.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.82%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158467	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	139715	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	60292	32.88	ug/L	# 81
33) Benzene	5.39	78	328603	36.91	ug/L	100
34) Trichloroethene	6.19	95	89989	38.10	ug/L	96
42) Toluene	7.64	91	369885	38.53	ug/L	100
46) Tetrachloroethene	8.23	164	26612	13.00	ug/L	95
51) Chlorobenzene	9.12	112	271737	42.04	ug/L	98

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

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