

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033705.D
 Acq On : 10 Aug 2019 00:02
 Operator : JC/SP
 Sample : K4202-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B45

Manual Integrations
 APPROVED

MMDadoda
 8/11/2019 11:20:15 AM

Quant Time: Aug 12 03:18:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	351311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	344785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	171965	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	124833	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.54%
7) Chloroethane-d5	1.67	69	123169	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.04%
11) 1,1-Dichloroethene-d2	2.26	63	180653	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.10%
21) 2-Butanone-d5	4.16	46	282575	176.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	176.25%#
24) Chloroform-d	4.62	84	260400	67.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	135.54%#
26) 1,2-Dichloroethane-d4	5.29	65	175728	73.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	146.30%#
32) Benzene-d6	5.32	84	525760	64.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.22%#
36) 1,2-Dichloropropane-d6	6.31	67	174209	69.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	139.54%#
41) Toluene-d8	7.55	98	469162	61.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.60%#
43) trans-1,3-Dichloropropene-	7.83	79	82954	65.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	131.58%#
47) 2-Hexanone-d5	8.29	63	211162	163.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	163.26%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	276412	74.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	149.66%#
64) 1,2-Dichlorobenzene-d4	11.84	152	198999	68.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.52%#

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	5849m	2.316	ug/L

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

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