

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\
 Data File : VU033753.D
 Acq On : 11 Aug 2019 15:35
 Operator : JC/SP
 Sample : K4289-04RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B17RE

Quant Time: Aug 12 06:44:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 04:45:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	271174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	273444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	114512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36498	18.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	36.56%#
7) Chloroethane-d5	1.67	69	43266	21.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.24%#
11) 1,1-Dichloroethene-d2	2.26	63	52635	15.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	31.36%#
21) 2-Butanone-d5	4.15	46	157574	127.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.33%
24) Chloroform-d	4.62	84	119557	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
26) 1,2-Dichloroethane-d4	5.29	65	84252	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
32) Benzene-d6	5.32	84	196871	30.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.02%#
36) 1,2-Dichloropropane-d6	6.31	67	80811	40.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.62%
41) Toluene-d8	7.55	98	148221	24.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	48.84%#
43) trans-1,3-Dichloropropene-	7.83	79	29437	29.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.88%#
47) 2-Hexanone-d5	8.29	63	99664	97.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.16%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	163075	55.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	83433	43.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.58%

Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	32807	14.372 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	12997	6.667 ug/L	91

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

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