

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\
 Data File : VU033756.D
 Acq On : 11 Aug 2019 16:45
 Operator : JC/SP
 Sample : K4289-11RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B35RE

Quant Time: Aug 12 06:53:09 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	288448	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290130	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132561	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68152	32.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.20%
7) Chloroethane-d5	1.67	69	69592	32.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.40%#
11) 1,1-Dichloroethene-d2	2.26	63	89393	25.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.08%#
21) 2-Butanone-d5	4.14	46	196899	149.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	149.58%#
24) Chloroform-d	4.62	84	162953	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
26) 1,2-Dichloroethane-d4	5.29	65	109253	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
32) Benzene-d6	5.32	84	277260	40.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.98%
36) 1,2-Dichloropropane-d6	6.31	67	104606	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.55	98	219572	34.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.18%#
43) trans-1,3-Dichloropropene-	7.83	79	44802	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.29	63	139691	128.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.35%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	196860	63.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.66%#
64) 1,2-Dichlorobenzene-d4	11.84	152	119118	53.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	40172	16.544	ug/L	99
13) Acetone	2.31	43	2277	1.720	ug/L	93
17) trans-1,2-Dichloroethene	2.96	96	1859	1.023	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	29768	14.356	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	6641	2.072	ug/L #	90

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

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