

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031179.D
 Acq On : 14 Apr 2019 00:25
 Operator : JC/SP
 Sample : K2339-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC47

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:02:01 PM

Quant Time: Apr 15 12:17:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 02:24:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460811	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178662	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	190424	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.70%
7) Chloroethane-d5	1.67	69	151974	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.36%
11) 1,1-Dichloroethene-d2	2.27	63	255540	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.30%
21) 2-Butanone-d5	4.17	46	328352	98.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.64	84	330612	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	5.30	65	220739	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
32) Benzene-d6	5.33	84	654719	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
36) 1,2-Dichloropropane-d6	6.32	67	220136	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.50%
41) Toluene-d8	7.56	98	551712	46.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.54%
43) trans-1,3-Dichloropropene-	7.85	79	93163	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
47) 2-Hexanone-d5	8.31	63	194173	92.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311286	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	192227	54.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.42%

Target Compounds					Ovalue
13) Acetone	2.32	43	49701	14.594 ug/L	99
22) 2-Butanone	4.28	43	9776m	2.448 ug/L	

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

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