

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030349.D
 Acq On : 23 Mar 2019 18:50
 Operator : JC/SP
 Sample : K2083-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1F8

Manual Integrations
 APPROVED

MMDadoda
 3/24/2019 12:36:26 PM

Quant Time: Mar 24 02:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 02:05:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	411897	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398303	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	172252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149785	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.38%
7) Chloroethane-d5	1.68	69	123372m	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.27	63	215835	34.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.64%
21) 2-Butanone-d5	4.18	46	280298	89.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.95%
24) Chloroform-d	4.65	84	262915	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.31	65	178162	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.34	84	550323	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.33	67	193756	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.56	98	491292	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.85	79	85175	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.70%
47) 2-Hexanone-d5	8.31	63	196192	92.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	257961	46.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	167889	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

Target Compounds					Ovalue
3) Chloromethane	1.33	50	7858	1.546 ug/L	100
13) Acetone	2.32	43	13620	4.322 ug/L	96

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

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