

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029903.D
 Acq On : 08 Mar 2019 21:15
 Operator : JC/SP
 Sample : K1796-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q3

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Mar 09 00:50:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

3/11/2019 10:52:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	461405	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123075	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.80%
7) Chloroethane-d5	1.68	69	112443m	37.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.82%
11) 1,1-Dichloroethene-d2	2.27	63	178533	27.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.02%#
21) 2-Butanone-d5	4.17	46	246014	119.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.57%
24) Chloroform-d	4.64	84	264078	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.31	65	165772	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
32) Benzene-d6	5.34	84	578332	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
36) 1,2-Dichloropropane-d6	6.33	67	183341	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.56	98	520989	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%
43) trans-1,3-Dichloropropene-	7.85	79	79408	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.84%
47) 2-Hexanone-d5	8.31	63	195562	103.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289429	50.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	226596	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds					Ovalue
13) Acetone	2.32	43	4408	2.005 ug/L	97
34) Trichloroethene	6.19	95	12074	3.882 ug/L	97

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

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