

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033431.D
 Acq On : 25 Jul 2019 23:46
 Operator : JC/SP
 Sample : K3976-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB9

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 10:53:36 AM

Quant Time: Jul 26 07:42:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274101	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281118	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	122672	59.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.24%
7) Chloroethane-d5	1.67	69	108652	61.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.60%
11) 1,1-Dichloroethene-d2	2.25	63	161772	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
21) 2-Butanone-d5	4.15	46	142970	108.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.75%
24) Chloroform-d	4.62	84	185373	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.62%
26) 1,2-Dichloroethane-d4	5.29	65	131791	59.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.18%
32) Benzene-d6	5.32	84	393177	57.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.02%
36) 1,2-Dichloropropane-d6	6.31	67	126788	57.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.78%
41) Toluene-d8	7.55	98	361508	55.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.18%
43) trans-1,3-Dichloropropene-	7.83	79	56208	51.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.78%
47) 2-Hexanone-d5	8.29	63	107750	108.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.19%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	187008	55.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	132351	60.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.38%#

Target Compounds

					Ovalue
13) Acetone	2.31	43	2320	1.412 ug/L	92
20) cis-1,2-Dichloroethene	4.20	96	2624m	1.230 ug/L	
31) Carbon tetrachloride	5.10	117	2355m	0.821 ug/L	
34) Trichloroethene	6.16	95	2331740	1087.544 ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	1274	0.606 ug/L	92
46) Tetrachloroethene	8.21	164	134668	81.137 ug/L	99

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

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