

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
 Data File : VU036408.D
 Acq On : 08 Jan 2020 15:30
 Operator : JC/MD
 Sample : L1042-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRA5

Manual Integrations
 APPROVED

apatel
 1/9/2020 3:45:17 PM

Quant Time: Jan 09 11:51:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 09 03:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	484421	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	460801	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	175863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147766	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.30%
7) Chloroethane-d5	1.93	69	138728	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.14%
11) 1,1-Dichloroethene-d2	2.59	63	236166	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	4.68	46	290629	103.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.39%
24) Chloroform-d	5.11	84	338496	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	5.75	65	229380	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.02%
32) Benzene-d6	5.77	84	662018	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.73	67	219596	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.08%
41) Toluene-d8	7.93	98	615105	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%
43) trans-1,3-Dichloropropene-	8.21	79	110849	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.96%
47) 2-Hexanone-d5	8.67	63	220956	99.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.57%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	322723	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	12.22	152	185349	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%

Target Compounds

					Qvalue
13) Acetone	2.66	43	9664	3.315 ug/L	93
18) Methyl tert-butyl Ether	3.41	73	73127	6.652 ug/L	99
19) 1,1-Dichloroethane	3.92	63	11485m	1.893 ug/L	
20) cis-1,2-Dichloroethene	4.72	96	7132	1.948 ug/L #	86
34) Trichloroethene	6.58	95	16397	4.699 ug/L	96
46) Tetrachloroethene	8.58	164	277118	110.366 ug/L	93

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

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