

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037932.D
 Acq On : 29 Apr 2020 23:48
 Operator : JC/MD
 Sample : L2410-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF5

Quant Time: Apr 30 06:06:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	612646	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	585224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	262084	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	239937	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.93	69	211637	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.02%
11) 1,1-Dichloroethene-d2	2.59	63	301816	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.66	46	402580	94.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	5.10	84	395008	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.74	65	289039	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
32) Benzene-d6	5.76	84	859010	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
36) 1,2-Dichloropropane-d6	6.72	67	290233	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.86%
41) Toluene-d8	7.92	98	748310	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.20	79	108439	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
47) 2-Hexanone-d5	8.65	63	264841	87.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.89%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	405785	52.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.38%
64) 1,2-Dichlorobenzene-d4	12.21	152	269036	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	7792	1.282 ug/L #	1
12) 1,1-Dichloroethene	2.60	96	4260	1.145 ug/L #	1
13) Acetone	2.65	43	8804	3.479 ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	3221884	707.569 ug/L	96
34) Trichloroethene	6.57	95	866198	198.806 ug/L	99
46) Tetrachloroethene	8.57	164	634151	199.130 ug/L	98

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

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