

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037935.D
 Acq On : 30 Apr 2020 00:56
 Operator : JC/MD
 Sample : L2410-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF9

Manual Integrations
 APPROVED

apatel
 5/4/2020 10:18:12 AM

Quant Time: Apr 30 06:20:45 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	601167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	573621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	255559	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	236325	44.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.98%
7) Chloroethane-d5	1.93	69	209244	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	292412	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	4.66	46	386407	92.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.84%
24) Chloroform-d	5.10	84	391293	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.74	65	286432	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
32) Benzene-d6	5.76	84	846340	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.72	67	285433	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.22%
41) Toluene-d8	7.92	98	731663	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%
43) trans-1,3-Dichloropropene-	8.20	79	107993	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.34%
47) 2-Hexanone-d5	8.65	63	252467	85.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	397980	52.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.44%
64) 1,2-Dichlorobenzene-d4	12.20	152	257420	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%

Target Compounds

					Ovalue
13) Acetone	2.65	43	8921	3.593	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	384165	85.979	ug/L 93
25) Chloroform	5.13	83	38031	4.941	ug/L 97
34) Trichloroethene	6.57	95	161412	37.796	ug/L 99
46) Tetrachloroethene	8.58	164	17535757m	5617.779	ug/L

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

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