

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037915.D
 Acq On : 29 Apr 2020 16:36
 Operator : JC/MD
 Sample : L2411-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFF7MS

Quant Time: Apr 30 03:11:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	589005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	575729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	266190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	207398	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	194249	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.59	63	381934	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
21) 2-Butanone-d5	4.66	46	476758	116.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.92%
24) Chloroform-d	5.10	84	409512	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	5.74	65	284706	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.90%
32) Benzene-d6	5.76	84	848629	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.72	67	291384	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.02%
41) Toluene-d8	7.92	98	758654	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	8.20	79	134856	48.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.22%
47) 2-Hexanone-d5	8.65	63	384146	129.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.59%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	425312	56.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.28%
64) 1,2-Dichlorobenzene-d4	12.20	152	286906	55.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	176417	49.335	ug/L	90
13) Acetone	2.65	43	29752	12.229	ug/L	99
15) Methyl Acetate	2.98	43	9496	1.615	ug/L	97
16) Methylene chloride	3.08	84	9107	2.143	ug/L	98
33) Benzene	5.81	78	858874	49.150	ug/L	100
34) Trichloroethene	6.57	95	204692	47.755	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	16594	1.999	ug/L	98
42) Toluene	7.99	91	912194	49.789	ug/L	99
51) Chlorobenzene	9.47	112	564582	49.543	ug/L	100

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

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