

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\  
 Data File : VU038596.D  
 Acq On : 06 Jun 2020 02:55  
 Operator : SY/MD  
 Sample : L2910-03  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D07

Quant Time: Jun 06 03:45:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jun 06 02:36:38 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	308556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	299961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149438	5.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63533	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.93	69	59176	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.59	63	109010	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	312916	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	5.10	84	164925	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.74	65	99071	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.76	84	324498	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.72	67	103465	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	273135	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.20	79	41062	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.65	63	260324	53.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95753	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	120862	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	37013	9.323	ug/L	97
21) 2-Butanone	4.76	43	9581	1.435	ug/L	80
27) 1,2-Dichloroethane	5.83	62	7441	0.284	ug/L	98
30) Cyclohexane	5.42	56	15755	0.473	ug/L	94
33) Benzene	5.81	78	115983	1.387	ug/L	100
42) Toluene	7.99	91	16157	0.184	ug/L	98
52) Ethylbenzene	9.59	91	58956	0.604	ug/L	98
53) m,p-Xylene	9.71	106	5489	0.146	ug/L	96
54) o-Xylene	10.12	106	5598	0.155	ug/L	99

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

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