

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
 Data File : VU053006.D
 Acq On : 08 Feb 2023 17:59
 Operator : JC/MD
 Sample : 01412-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L9DL

Quant Time: Feb 09 01:49:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 01:09:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	341534	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	315900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	165204	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	136019	42.867	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.740%	
7) Chloroethane-d5	1.913	69	119055	46.384	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.760%	
11) 1,1-Dichloroethene-d2	2.566	63	163584	33.643	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.280%	
21) 2-Butanone-d5	4.624	46	114476	93.019	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.020%	
24) Chloroform-d	5.058	84	232063	44.232	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.460%	
26) 1,2-Dichloroethane-d4	5.695	65	142361	45.399	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.800%	
32) Benzene-d6	5.724	84	489832	46.736	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.480%	
36) 1,2-Dichloropropane-d6	6.685	67	149946	46.369	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.740%	
41) Toluene-d8	7.894	98	468708	45.641	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.280%	
43) trans-1,3-Dichloroprop...	8.174	79	82451	46.523	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.040%	
47) 2-Hexanone-d5	8.627	63	98251	100.053	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	100.050%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	207823	46.424	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.840%	
66) 1,2-Dichlorobenzene-d4	12.186	152	177235	48.205	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.420%	
Target Compounds						
20) cis-1,2-Dichloroethene	4.663	96	40771	15.080	ug/L	Qvalue # 92
34) Trichloroethene	6.540	95	4774	1.813	ug/L	95
51) Chlorobenzene	9.444	112	122477	17.347	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	4751	0.927	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	41051	7.965	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	287811	55.946	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	11182	3.152	ug/L	97

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

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