

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053623.D
 Acq On : 10 Apr 2023 19:12
 Operator : JC/MD
 Sample : 02251-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD8

Quant Time: Apr 11 02:24:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	246348	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111506	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75797	39.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.020%
7) Chloroethane-d5	1.909	69	67257	45.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.940%
11) 1,1-Dichloroethene-d2	2.565	63	91668	30.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.740%
21) 2-Butanone-d5	4.613	46	94967	109.348	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.350%
24) Chloroform-d	5.057	84	138776	43.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	5.697	65	88470	47.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
32) Benzene-d6	5.723	84	284999	46.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
36) 1,2-Dichloropropane-d6	6.687	67	91667	49.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	7.893	98	260767	43.180	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.360%
43) trans-1,3-Dichloroprop...	8.176	79	42075	43.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.780%
47) 2-Hexanone-d5	8.626	63	72302	114.071	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.070%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	131956	50.411	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.820%
66) 1,2-Dichlorobenzene-d4	12.189	152	107640	46.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.500%
Target Compounds						
					Qvalue	
33) Benzene	5.768	78	9566	1.631	ug/L	100
51) Chlorobenzene	9.443	112	18746	4.094	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	12669	3.608	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	6673	1.944	ug/L	92

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

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