

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055747.D
 Acq On : 11 Oct 2023 14:58
 Operator : MD/SY
 Sample : 04792-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B3

Quant Time: Oct 12 01:56:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	415236	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	417490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	200115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	155946	41.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.740%
7) Chloroethane-d5	1.888	69	131739	43.271	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.540%
11) 1,1-Dichloroethene-d2	2.560	63	220706	33.234	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.460%
21) 2-Butanone-d5	4.615	46	255092	92.431	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.430%
24) Chloroform-d	5.055	84	322412	45.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
26) 1,2-Dichloroethane-d4	5.695	65	214378	48.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
32) Benzene-d6	5.721	84	636002	47.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
36) 1,2-Dichloropropane-d6	6.685	67	202066	47.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	7.894	98	550032	45.602	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	89812	44.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.420%
47) 2-Hexanone-d5	8.630	63	175094	105.323	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	338630	52.024	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.040%
66) 1,2-Dichlorobenzene-d4	12.190	152	211827	53.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.680%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	110810	30.778	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	4058	1.348	ug/L	99
18) Methyl tert-butyl Ether	3.354	73	318334	32.883	ug/L	95
20) cis-1,2-Dichloroethene	4.660	96	440528	128.227	ug/L	98
33) Benzene	5.769	78	108354	8.210	ug/L	100
34) Trichloroethene	6.537	95	6821	1.889	ug/L	85
46) Tetrachloroethene	8.550	164	27174	10.511	ug/L	94

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

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