

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055854.D
 Acq On : 23 Oct 2023 14:40
 Operator : MD/SY
 Sample : 04947-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J7

Quant Time: Oct 23 23:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	453947	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	454129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	222684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	155538	38.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.400%
7) Chloroethane-d5	1.891	69	142381	42.779	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.560%
11) 1,1-Dichloroethene-d2	2.560	63	229226	31.573	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.140%
21) 2-Butanone-d5	4.615	46	245975	81.527	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.530%
24) Chloroform-d	5.055	84	361060	46.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	5.695	65	233906	48.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
32) Benzene-d6	5.721	84	703081	48.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
36) 1,2-Dichloropropane-d6	6.685	67	228585	49.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.380%
41) Toluene-d8	7.894	98	611218	46.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.180%
43) trans-1,3-Dichloroprop...	8.177	79	101976	46.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.300%
47) 2-Hexanone-d5	8.631	63	121110	66.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.970%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	367127	51.851	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.700%
66) 1,2-Dichlorobenzene-d4	12.190	152	248638	56.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.540%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	251734	63.958	ug/L	99
13) Acetone	2.618	43	86123	30.760	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	18532	5.631	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	453917	120.857	ug/L	98
29) Cyclohexane	5.383	56	4246	0.816	ug/L	95
33) Benzene	5.769	78	13988	0.974	ug/L	100

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

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