

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055856.D
 Acq On : 23 Oct 2023 15:28
 Operator : MD/SY
 Sample : 04947-07 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J4

Quant Time: Oct 23 23:19:25 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	455932	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	455286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	221262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	145704	35.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.260%		
7) Chloroethane-d5	1.888	69	134114	40.119	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.240%		
11) 1,1-Dichloroethene-d2	2.557	63	221646	30.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.800%		
21) 2-Butanone-d5	4.615	46	245205	80.918	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.920%		
24) Chloroform-d	5.055	84	342520	43.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
26) 1,2-Dichloroethane-d4	5.695	65	226513	46.939	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
32) Benzene-d6	5.721	84	668681	45.904	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
36) 1,2-Dichloropropane-d6	6.685	67	217919	47.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.500%		
41) Toluene-d8	7.894	98	574808	43.700	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.400%		
43) trans-1,3-Dichloroprop...	8.177	79	95714	43.206	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.420%		
47) 2-Hexanone-d5	8.631	63	127065	70.087	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.090%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	360331	50.762	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.520%		
66) 1,2-Dichlorobenzene-d4	12.190	152	230497	52.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	14093	3.565	ug/L	88
17) trans-1,2-Dichloroethene	3.345	96	6080	1.840	ug/L	90
20) cis-1,2-Dichloroethene	4.656	96	422207	111.925	ug/L	99
34) Trichloroethene	6.537	95	94115	23.900	ug/L	98
46) Tetrachloroethene	8.550	164	20446	7.252	ug/L	98

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

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