

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032323\
 Data File : VU053371.D
 Acq On : 23 Mar 2023 15:00
 Operator : JC/MD
 Sample : 02037-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45E6

Quant Time: Mar 24 12:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	139036	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	129136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	59499	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44972	35.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.120%		
7) Chloroethane-d5	1.912	69	40175	38.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.440%		
11) 1,1-Dichloroethene-d2	2.565	63	60968	27.438	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.880%#		
21) 2-Butanone-d5	4.616	46	73951	124.305	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	124.310%		
24) Chloroform-d	5.057	84	85581	40.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.020%		
26) 1,2-Dichloroethane-d4	5.697	65	56421	43.002	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.000%		
32) Benzene-d6	5.723	84	173631	41.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.900%		
36) 1,2-Dichloropropane-d6	6.684	67	58379	43.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.360%		
41) Toluene-d8	7.893	98	154206	39.543	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.080%#		
43) trans-1,3-Dichloroprop...	8.176	79	27487	41.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.420%		
47) 2-Hexanone-d5	8.626	63	48137	113.897	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.900%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86405	49.340	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.680%		
66) 1,2-Dichlorobenzene-d4	12.188	152	53485	46.425	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.860%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	9667	6.608	ug/L	87
13) Acetone	2.629	43	1915	2.826	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	9081	8.765	ug/L	98
19) 1,1-Dichloroethane	3.867	63	7879	3.726	ug/L	95
20) cis-1,2-Dichloroethene	4.658	96	741565	609.412	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	3818	2.169	ug/L	94
33) Benzene	5.771	78	9116	2.036	ug/L	100
34) Trichloroethene	6.536	95	5572	4.773	ug/L	97
42) Toluene	7.964	91	14119	2.933	ug/L	99
46) Tetrachloroethene	8.549	164	9701	12.773	ug/L	95
51) Chlorobenzene	9.443	112	20826	6.942	ug/L	97
53) m,p-Xylene	9.687	106	6248	3.067	ug/L	97
54) o-Xylene	10.095	106	2400	1.191	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	7984	2.105	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	4586	2.327	ug/L #	87
71) Naphthalene	14.082	128	16184	4.275	ug/L	99

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