

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052922.D
 Acq On : 02 Feb 2023 13:51
 Operator : JC/MD
 Sample : 01381-27
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44Q3

Quant Time: Feb 03 00:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 00:24:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	245302	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	245857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130759	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77229	43.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.480%
7) Chloroethane-d5	1.909	69	71077	48.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.720%
11) 1,1-Dichloroethene-d2	2.556	63	119406	34.003	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.000%
21) 2-Butanone-d5	4.636	46	83345	76.415	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.420%
24) Chloroform-d	5.057	84	169343	44.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	5.697	65	117499	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
32) Benzene-d6	5.719	84	344934	45.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	6.687	67	101034	45.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.720%
41) Toluene-d8	7.893	98	323291	47.267	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
43) trans-1,3-Dichloroprop...	8.179	79	51309	46.469	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.940%
47) 2-Hexanone-d5	8.655	63	61612	79.596	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.600%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	135401	41.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	125966	49.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	42184	18.365	ug/L	99
3) Chloromethane	1.517	50	84121	44.404	ug/L	99
6) Bromomethane	1.855	94	34526	26.122	ug/L	99
9) Trichlorofluoromethane	2.118	101	115583	32.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	75055	37.933	ug/L	97
13) Acetone	2.636	43	590370	443.191	ug/L	98
15) Methyl Acetate	2.948	43	158161	88.121	ug/L	100
16) Methylene chloride	3.041	84	49101	22.746	ug/L	93
18) Methyl tert-butyl Ether	3.359	73	625917	108.546	ug/L	99
22) 2-Butanone	4.713	43	85151	59.804	ug/L	98
27) 1,2-Dichloroethane	5.790	62	225294	73.709	ug/L	99
29) Cyclohexane	5.382	56	54871	18.834	ug/L	98
34) Trichloroethene	6.536	95	81830	38.469	ug/L	95
35) Methylcyclohexane	6.758	83	204901	60.861	ug/L	99
40) 4-Methyl-2-pentanone	7.816	43	291449	120.232	ug/L	100
42) Toluene	7.967	91	533294	62.176	ug/L	98
46) Tetrachloroethene	8.549	164	35024	19.121	ug/L	93
48) 2-Hexanone	8.706	43	237661	115.892	ug/L	99
51) Chlorobenzene	9.446	112	147662	25.023	ug/L	98

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52) Ethylbenzene	9.568	91	276905	30.209	ug/L	100
53) m,p-Xylene	9.690	106	329214	88.718	ug/L	100
54) o-xylene	10.099	106	149718	42.263	ug/L	93
55) Styrene	10.115	104	381696	62.790	ug/L	97
61) Isopropylbenzene	10.485	105	491353	58.182	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	87257	19.782	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	95098	22.066	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	51719	19.557	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	161416	57.755	ug/L	98

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

