

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051985.D
 Acq On : 20 Nov 2022 19:58
 Operator : JC/MD
 Sample : N5710-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY9

Quant Time: Nov 21 01:03:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	495527	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	490024	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	188423	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	96289	39.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.160%
7) Chloroethane-d5	1.906	69	102324	41.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	2.578	63	764695	175.292	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	350.580%#
21) 2-Butanone-d5	4.617	46	261982	94.706	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.710%
24) Chloroform-d	5.060	84	268147	43.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.940%
26) 1,2-Dichloroethane-d4	5.697	65	171606	45.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
32) Benzene-d6	5.726	84	477777	46.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	6.687	67	188862	49.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	7.896	98	362648	43.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	8.176	79	62537	41.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.560%
47) 2-Hexanone-d5	8.629	63	195935	101.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.370%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	341571	46.146	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.300%
66) 1,2-Dichlorobenzene-d4	12.192	152	182011	54.890	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.780%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1067007	254.618	ug/L	97
12) 1,1-Dichloroethene	2.578	96	1274267	431.506	ug/L #	83
13) Acetone	2.623	43	12774	4.316	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	8344	2.622	ug/L	96
19) 1,1-Dichloroethane	3.867	63	162275	25.054	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	949718	255.709	ug/L	100
27) 1,2-Dichloroethane	5.793	62	7365	1.475	ug/L #	94
30) 1,1,1-Trichloroethane	5.314	97	202052	40.784	ug/L	98
34) Trichloroethene	6.539	95	3422722	1024.957	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	3631	0.895	ug/L	96
46) Tetrachloroethene	8.552	164	4465784	1674.529	ug/L	98

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

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