

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052853.D
 Acq On : 27 Jan 2023 17:42
 Operator : JC/MD
 Sample : 01314-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44L7

Quant Time: Jan 27 22:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	249945	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	246213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	137658	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79322	44.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.180%
7) Chloroethane-d5	1.909	69	77230	52.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.565	63	134244	37.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.040%
21) 2-Butanone-d5	4.623	46	94672	85.188	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.190%
24) Chloroform-d	5.057	84	164832	42.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
26) 1,2-Dichloroethane-d4	5.697	65	111030	45.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
32) Benzene-d6	5.722	84	322128	42.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
36) 1,2-Dichloropropane-d6	6.687	67	94746	42.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.900%
41) Toluene-d8	7.893	98	316544	46.213	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.420%
43) trans-1,3-Dichloroprop...	8.176	79	53381	48.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.560%
47) 2-Hexanone-d5	8.629	63	76372	98.522	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	134342	41.215	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.420%
66) 1,2-Dichlorobenzene-d4	12.195	152	140088	52.410	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.820%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	18450	8.640	ug/L	97
12) 1,1-Dichloroethene	2.575	96	5524	2.988	ug/L #	1
17) trans-1,2-Dichloroethene	3.353	96	5479	2.742	ug/L	97
20) cis-1,2-Dichloroethene	4.661	96	469815	220.219	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	2157	0.596	ug/L	96
33) Benzene	5.771	78	12992	1.550	ug/L	100
34) Trichloroethene	6.539	95	2399541	1126.417	ug/L	95
51) Chlorobenzene	9.443	112	260721	44.118	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	100137	22.324	ug/L	98
65) 1,4-Dichlorobenzene	11.831	146	1346677	290.004	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	12149478	2677.856	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	55696	20.005	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	12110	4.116	ug/L	97

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

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