

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045233.D
 Acq On : 08 Oct 2021 01:27
 Operator : SY/MD
 Sample : M4138-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7F2MSD

Quant Time: Oct 08 02:14:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288217	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279847	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	131991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112559	35.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.340%
7) Chloroethane-d5	1.896	69	98584	39.430	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.860%
11) 1,1-Dichloroethene-d2	2.565	63	211503	39.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.840%
21) 2-Butanone-d5	4.629	46	213788	85.708	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.710%
24) Chloroform-d	5.067	84	218486	43.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	5.706	65	147068	43.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
32) Benzene-d6	5.732	84	429161	44.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	140035	44.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.460%
41) Toluene-d8	7.902	98	387449	46.235	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
43) trans-1,3-Dichloroprop...	8.182	79	64902	46.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.160%
47) 2-Hexanone-d5	8.636	63	160025	91.199	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	227866	46.215	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	138208	48.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	122247	44.297	ug/L	98
3) Chloromethane	1.523	50	137075	39.849	ug/L	100
5) Vinyl chloride	1.604	62	153968	45.686	ug/L	# 68
6) Bromomethane	1.832	94	54992	34.021	ug/L	99
8) Chloroethane	1.919	64	106257	50.236	ug/L	96
9) Trichlorofluoromethane	2.131	101	181846	47.143	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	107025	43.960	ug/L	99
12) 1,1-Dichloroethene	2.578	96	107277	48.065	ug/L	84
13) Acetone	2.633	43	148974	51.667	ug/L	99
14) Carbon disulfide	2.790	76	325300	45.494	ug/L	99
15) Methyl Acetate	2.951	43	135885	38.212	ug/L	97
16) Methylene chloride	3.047	84	134760	47.659	ug/L	93
17) trans-1,2-Dichloroethene	3.353	96	115639	49.184	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	420060	54.183	ug/L	99
19) 1,1-Dichloroethane	3.874	63	236079	48.265	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	134994	52.105	ug/L	90
22) 2-Butanone	4.706	43	238044	73.764	ug/L	97
23) Bromochloromethane	4.980	128	63790	48.570	ug/L	94
25) Chloroform	5.092	83	232781	47.872	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	200679	49.342	ug/L	100
29) Cyclohexane	5.391	56	203176	48.301	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	192392	49.664	ug/L	98
31) Carbon tetrachloride	5.526	117	146043	47.732	ug/L	99
33) Benzene	5.777	78	522565	50.346	ug/L	100
34) Trichloroethene	6.546	95	121424	48.705	ug/L	99
35) Methylcyclohexane	6.767	83	188159	45.080	ug/L	97
37) 1,2-Dichloropropane	6.796	63	139413	49.332	ug/L	99
38) Bromodichloromethane	7.108	83	178870	51.636	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	204989	50.695	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	474404	100.493	ug/L	97
42) Toluene	7.973	91	552432	52.383	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	197286	51.311	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	132240	51.635	ug/L	99
46) Tetrachloroethene	8.558	164	80952	45.429	ug/L	98
48) 2-Hexanone	8.687	43	380194	90.820	ug/L	98
49) Dibromochloromethane	8.812	129	128034	50.549	ug/L	98
50) 1,2-Dibromoethane	8.928	107	139457	52.009	ug/L	99
51) Chlorobenzene	9.449	112	331059	50.849	ug/L	99
52) Ethylbenzene	9.574	91	604770	54.284	ug/L	99
53) m,p-Xylene	9.697	106	248898	58.975	ug/L	96
54) o-xylene	10.105	106	232135	55.974	ug/L	100
55) Styrene	10.118	104	379721	53.242	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	248186	50.611	ug/L	99
59) Bromoform	10.295	173	91048	55.620	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	200441	54.906	ug/L	99
61) Isopropylbenzene	10.488	105	573850	59.407	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	485563	60.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	492070	59.566	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	235980	52.862	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	236116	51.552	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	248111	54.140	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	55484	52.886	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	149030	48.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	128818	50.038	ug/L	100
71) Naphthalene	14.089	128	555798	62.301	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	138587	52.615	ug/L	99

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

