

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043737.D
 Acq On : 14 May 2021 06:33
 Operator : SY/MD
 Sample : M2395-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW6E3MS

Quant Time: May 14 08:03:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	401576	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	388391	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	205978	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	166739	50.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.30%
7) Chloroethane-d5	1.913	69	124664	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.28%
11) 1,1-Dichloroethene-d2	2.575	63	300892	53.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.30%
21) 2-Butanone-d5	4.626	46	284123	109.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	5.073	84	308122	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.22%
26) 1,2-Dichloroethane-d4	5.710	65	189092	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
32) Benzene-d6	5.736	84	632024	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.82%
36) 1,2-Dichloropropane-d6	6.697	67	205743	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.60%
41) Toluene-d8	7.906	98	573330	55.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.70%
43) trans-1,3-Dichloroprop...	8.186	79	86208	52.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.04%
47) 2-Hexanone-d5	8.639	63	192950	107.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.33%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	297670	52.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.78%
66) 1,2-Dichlorobenzene-d4	12.198	152	221567	54.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	177951	52.65	ug/L	99
3) Chloromethane	1.524	50	216647	53.01	ug/L	98
5) Vinyl chloride	1.607	62	214924	54.10	ug/L	100
6) Bromomethane	1.851	94	117117	60.46	ug/L	97
8) Chloroethane	1.935	64	121316	53.94	ug/L	98
9) Trichlorofluoromethane	2.141	101	243609	54.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	153715	52.30	ug/L	99
12) 1,1-Dichloroethene	2.585	96	159259	54.94	ug/L	96
13) Acetone	2.626	43	199022	109.60	ug/L	98
14) Carbon disulfide	2.800	76	484831	52.97	ug/L	100
15) Methyl Acetate	2.951	43	184330	44.73	ug/L	99
16) Methylene chloride	3.054	84	191392	44.08	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	164185	54.75	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	509654	56.03	ug/L	100
19) 1,1-Dichloroethane	3.877	63	325657	55.55	ug/L	99
20) cis-1,2-Dichloroethene	4.675	96	185662	56.19	ug/L	97
22) 2-Butanone	4.707	43	334591	111.94	ug/L	100
23) Bromochloromethane	4.983	128	99696	55.60	ug/L	98
25) Chloroform	5.096	83	318694	55.51	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	243840	55.10	ug/L	100
29) Cyclohexane	5.398	56	287449	55.60	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	261163	55.78	ug/L	99
31) Carbon tetrachloride	5.533	117	214134	55.71	ug/L	100
33) Benzene	5.784	78	737710	56.18	ug/L	100
34) Trichloroethene	6.549	95	172520	54.02	ug/L	98
35) Methylcyclohexane	6.771	83	265122	52.52	ug/L	99
37) 1,2-Dichloropropane	6.800	63	198609	55.39	ug/L	100
38) Bromodichloromethane	7.112	83	233340	54.96	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	266133	54.34	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	609904	113.02	ug/L	100
42) Toluene	7.977	91	774967	56.47	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	247799	53.80	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	181856	55.06	ug/L	99
46) Tetrachloroethene	8.559	164	199160	79.27	ug/L	99
48) 2-Hexanone	8.690	43	485248	111.97	ug/L	98
49) Dibromochloromethane	8.816	129	186726	55.11	ug/L	99
50) 1,2-Dibromoethane	8.932	107	192864	56.20	ug/L	100
51) Chlorobenzene	9.452	112	461422	54.29	ug/L	99
52) Ethylbenzene	9.578	91	792613	55.95	ug/L	100
53) m,p-Xylene	9.700	106	307243	57.29	ug/L	99
54) o-xylene	10.105	106	302413	56.98	ug/L	100
55) Styrene	10.118	104	505575	56.49	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	320946	53.30	ug/L	99
59) Bromoform	10.298	173	146018	54.24	ug/L #	98
60) 1,2,3-Trichloropropane	10.829	75	260779	54.25	ug/L	99
61) Isopropylbenzene	10.491	105	764627	56.83	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	637259	57.04	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	647591	57.71	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	356096	54.42	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	356523	53.41	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	370086	54.30	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	70165	53.31	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	249888	51.53	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	217134	52.41	ug/L	99
71) Naphthalene	14.092	128	785549	56.84	ug/L	100
72) 1,2,3-Trichlorobenzene	14.337	180	238942	54.79	ug/L	99

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

