

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043738.D
 Acq On : 14 May 2021 06:55
 Operator : SY/MD
 Sample : M2395-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW6E3MSD

Quant Time: May 14 08:03:37 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	410620	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	400500	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	210741	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	173056	50.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.80%
7) Chloroethane-d5	1.909	69	128356	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.575	63	303794	52.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.98%
21) 2-Butanone-d5	4.626	46	297961	112.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.04%
24) Chloroform-d	5.073	84	317592	55.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.10%
26) 1,2-Dichloroethane-d4	5.710	65	194437	54.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.74%
32) Benzene-d6	5.735	84	656291	55.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.697	67	214884	55.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.02%
41) Toluene-d8	7.906	98	596847	55.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.76%
43) trans-1,3-Dichloroprop...	8.185	79	90261	53.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.64%
47) 2-Hexanone-d5	8.639	63	206030	111.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	316113	53.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.92%
66) 1,2-Dichlorobenzene-d4	12.201	152	233440	56.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.26%
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	166869	48.28	ug/L	100
3) Chloromethane	1.523	50	202969	48.57	ug/L	99
5) Vinyl chloride	1.607	62	199202	49.04	ug/L	100
6) Bromomethane	1.848	94	114225	57.66	ug/L	100
8) Chloroethane	1.932	64	113532	49.37	ug/L	98
9) Trichlorofluoromethane	2.141	101	228831	49.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	144063	47.94	ug/L	99
12) 1,1-Dichloroethene	2.584	96	147183	49.65	ug/L	95
13) Acetone	2.629	43	185840	100.08	ug/L	99
14) Carbon disulfide	2.800	76	457270	48.86	ug/L	99
15) Methyl Acetate	2.951	43	173294	41.12	ug/L	100
16) Methylene chloride	3.054	84	177191	39.91	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	154416	50.36	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	478067	51.40	ug/L	99
19) 1,1-Dichloroethane	3.877	63	303544	50.63	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	175493	51.94	ug/L	94
22) 2-Butanone	4.707	43	309737	101.34	ug/L	98
23) Bromochloromethane	4.983	128	92565	50.48	ug/L	97
25) Chloroform	5.096	83	295719	50.37	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	226771	50.11	ug/L	100
29) Cyclohexane	5.398	56	269378	50.53	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	246081	50.97	ug/L	99
31) Carbon tetrachloride	5.533	117	200231	50.51	ug/L	100
33) Benzene	5.780	78	686716	50.71	ug/L	100
34) Trichloroethene	6.549	95	162293	49.28	ug/L	98
35) Methylcyclohexane	6.771	83	248596	47.75	ug/L	99
37) 1,2-Dichloropropane	6.800	63	186706	50.50	ug/L	100
38) Bromodichloromethane	7.112	83	218326	49.87	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	243245	48.16	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	572699	102.91	ug/L	100
42) Toluene	7.976	91	727712	51.42	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	234329	49.33	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	172675	50.70	ug/L	99
46) Tetrachloroethene	8.558	164	199225	76.90	ug/L	99
48) 2-Hexanone	8.690	43	463565	103.73	ug/L	99
49) Dibromochloromethane	8.816	129	176611	50.55	ug/L	98
50) 1,2-Dibromoethane	8.928	107	183270	51.79	ug/L	98
51) Chlorobenzene	9.452	112	436228	49.77	ug/L	99
52) Ethylbenzene	9.578	91	744454	50.96	ug/L	100
53) m,p-Xylene	9.700	106	284291	51.40	ug/L	99
54) o-xylene	10.108	106	284450	51.98	ug/L	100
55) Styrene	10.121	104	477138	51.70	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	306833	49.42	ug/L	98
59) Bromoform	10.298	173	139431	50.62	ug/L #	99
60) 1,2,3-Trichloropropane	10.828	75	247757	50.37	ug/L	99
61) Isopropylbenzene	10.491	105	720228	52.32	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	602642	52.72	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	610242	53.16	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	338554	50.57	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	339736	49.75	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	357595	51.28	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	68045	50.53	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	242623	48.90	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	211183	49.83	ug/L	99
71) Naphthalene	14.092	128	780158	55.17	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	232198	52.04	ug/L	100

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

