

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046434.D
 Acq On : 16 Dec 2021 20:10
 Operator : SY/MD
 Sample : M5037-10MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00W9MS

Quant Time: Dec 17 01:55:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	144779	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54899	46.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.060%
7) Chloroethane-d5	1.919	69	39616	43.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.520%
11) 1,1-Dichloroethene-d2	2.575	63	92542	43.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.440%
21) 2-Butanone-d5	4.633	46	75952	80.112	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.110%
24) Chloroform-d	5.067	84	101765	51.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	64387	48.173	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.340%
32) Benzene-d6	5.729	84	195195	46.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
36) 1,2-Dichloropropane-d6	6.694	67	59396	45.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	7.899	98	176396	45.728	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.460%
43) trans-1,3-Dichloroprop...	8.179	79	28871	45.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
47) 2-Hexanone-d5	8.632	63	57402	92.203	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	88179	44.283	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.560%
66) 1,2-Dichlorobenzene-d4	12.195	152	65515	40.999	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58504	37.142	ug/L	100
3) Chloromethane	1.523	50	51251	36.377	ug/L	99
5) Vinyl chloride	1.607	62	54873	38.627	ug/L	99
6) Bromomethane	1.864	94	29995	37.253	ug/L	100
8) Chloroethane	1.938	64	34235	41.622	ug/L	100
9) Trichlorofluoromethane	2.144	101	88231	47.573	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	50331	47.776	ug/L	98
12) 1,1-Dichloroethene	2.584	96	43188	43.142	ug/L	98
13) Acetone	2.649	43	59617	50.315	ug/L	96
14) Carbon disulfide	2.800	76	91528	29.470	ug/L	99
15) Methyl Acetate	2.957	43	46923	33.971	ug/L	100
16) Methylene chloride	3.051	84	56419	47.370	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	46060	43.478	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	173263	53.069	ug/L	99
19) 1,1-Dichloroethane	3.874	63	100229	52.035	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	57048	49.629	ug/L	100
22) 2-Butanone	4.713	43	93772	72.699	ug/L	97
23) Bromochloromethane	4.980	128	30265	52.130	ug/L	90
25) Chloroform	5.092	83	109822	51.315	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	86589	54.523	ug/L	98
29) Cyclohexane	5.395	56	66879	38.855	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	93479	51.519	ug/L	100
31) Carbon tetrachloride	5.530	117	78164	50.742	ug/L	98
33) Benzene	5.777	78	214791	48.010	ug/L	100
34) Trichloroethene	6.546	95	53857	45.695	ug/L	95
35) Methylcyclohexane	6.768	83	74642	40.844	ug/L	99
37) 1,2-Dichloropropane	6.793	63	60660	51.759	ug/L	99
38) Bromodichloromethane	7.108	83	84394	54.177	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	90512	50.767	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	175156	101.722	ug/L	99
42) Toluene	7.970	91	233225	48.583	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	89017	50.835	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	61738	52.508	ug/L	98
46) Tetrachloroethene	8.555	164	38707	44.689	ug/L	98
48) 2-Hexanone	8.687	43	137713	89.428	ug/L	99
49) Dibromochloromethane	8.813	129	67106	54.350	ug/L	100
50) 1,2-Dibromoethane	8.925	107	63026	49.442	ug/L	99
51) Chlorobenzene	9.449	112	155980	50.223	ug/L	100
52) Ethylbenzene	9.571	91	252007	48.777	ug/L	99
53) m,p-Xylene	9.697	106	98083	48.680	ug/L	97
54) o-xylene	10.102	106	96902	49.564	ug/L	98
55) Styrene	10.115	104	173054	51.846	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	106194	52.680	ug/L	98
59) Bromoform	10.292	173	49330	50.678	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	86981	47.820	ug/L	98
61) Isopropylbenzene	10.484	105	255611	47.346	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	219367	48.749	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	222970	49.526	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	119166	46.468	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	123791	46.707	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	124144	48.071	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	26401	54.485	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	88334	47.274	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	80521	48.561	ug/L	99
71) Naphthalene	14.089	128	314618	54.526	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	88595	52.395	ug/L	99

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

