

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044795.D
 Acq On : 23 Sep 2021 19:20
 Operator : SY/MD
 Sample : M3873-09MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7X8MS

Quant Time: Sep 24 05:39:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	264004	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	255721	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	131077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	126108	43.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.260%
7) Chloroethane-d5	1.912	69	102216	44.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.260%
11) 1,1-Dichloroethene-d2	2.571	63	216366	44.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.160%
21) 2-Butanone-d5	4.629	46	229587	100.484	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.480%
24) Chloroform-d	5.070	84	211579	46.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
26) 1,2-Dichloroethane-d4	5.706	65	141471	45.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
32) Benzene-d6	5.732	84	410605	46.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	6.697	67	135974	46.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	7.902	98	356904	46.608	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	8.182	79	58093	45.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.280%
47) 2-Hexanone-d5	8.639	63	160825	100.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.300%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	205966	45.715	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.420%
66) 1,2-Dichlorobenzene-d4	12.198	152	130164	45.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	115360	45.636	ug/L	98
3) Chloromethane	1.520	50	152897	48.526	ug/L	100
5) Vinyl chloride	1.607	62	155786	50.465	ug/L	88
6) Bromomethane	1.851	94	79991	54.025	ug/L	100
8) Chloroethane	1.932	64	97202	50.170	ug/L	97
9) Trichlorofluoromethane	2.141	101	169514	47.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	102916	46.149	ug/L	99
12) 1,1-Dichloroethene	2.584	96	101126	49.465	ug/L	92
13) Acetone	2.632	43	156142	59.120	ug/L	99
14) Carbon disulfide	2.796	76	318557	48.637	ug/L	100
15) Methyl Acetate	2.954	43	161297	49.518	ug/L	99
16) Methylene chloride	3.050	84	122474	47.286	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	119943	55.693	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	358862	50.535	ug/L	99
19) 1,1-Dichloroethane	3.877	63	221808	49.507	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	741072	312.276	ug/L	97
22) 2-Butanone	4.710	43	248731	84.144	ug/L	96
23) Bromochloromethane	4.980	128	59323	49.311	ug/L	98
25) Chloroform	5.095	83	215638	48.413	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	183395	49.228	ug/L	99
29) Cyclohexane	5.394	56	193609	50.369	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	177574	50.164	ug/L	99
31) Carbon tetrachloride	5.529	117	142285	50.891	ug/L	99
33) Benzene	5.780	78	480100	50.619	ug/L	100
34) Trichloroethene	6.546	95	394083	172.988	ug/L	100
35) Methylcyclohexane	6.767	83	183426	48.093	ug/L	99
37) 1,2-Dichloropropane	6.796	63	127436	49.349	ug/L	99
38) Bromodichloromethane	7.111	83	158443	50.054	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	178600	48.336	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	456569	105.839	ug/L	100
42) Toluene	7.973	91	490302	50.878	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	175532	49.961	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	117205	50.082	ug/L	99
46) Tetrachloroethene	8.558	164	76934	47.248	ug/L	100
48) 2-Hexanone	8.687	43	370148	96.762	ug/L	99
49) Dibromochloromethane	8.816	129	114457	49.452	ug/L	100
50) 1,2-Dibromoethane	8.928	107	123561	50.428	ug/L	99
51) Chlorobenzene	9.449	112	293235	49.289	ug/L	99
52) Ethylbenzene	9.574	91	516207	50.706	ug/L	100
53) m,p-Xylene	9.697	106	197813	51.293	ug/L	98
54) o-xylene	10.105	106	193131	50.962	ug/L	97
55) Styrene	10.118	104	340315	52.219	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	215440	48.079	ug/L	99
59) Bromoform	10.295	173	80958	49.801	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	177305	48.907	ug/L	100
61) Isopropylbenzene	10.487	105	495520	51.655	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	420257	52.458	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	430188	52.438	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	214776	48.447	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	218289	47.992	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	222378	48.863	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52772	50.652	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	147393	47.908	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	125362	49.035	ug/L	99
71) Naphthalene	14.089	128	490769	55.396	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	131720	50.357	ug/L	100

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

