

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044796.D
 Acq On : 23 Sep 2021 19:43
 Operator : SY/MD
 Sample : M3873-10MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7X8MSD

Quant Time: Sep 24 05:40:20 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	257023	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	248199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	124604	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124829	44.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.740%
7) Chloroethane-d5	1.909	69	105239	47.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.572	63	218503	46.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
21) 2-Butanone-d5	4.629	46	237531	106.784	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.780%
24) Chloroform-d	5.070	84	217370	48.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
26) 1,2-Dichloroethane-d4	5.707	65	144279	47.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
32) Benzene-d6	5.732	84	420754	48.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
36) 1,2-Dichloropropane-d6	6.697	67	137442	48.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	7.903	98	362599	48.786	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.580%
43) trans-1,3-Dichloroprop...	8.182	79	61059	48.879	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.760%
47) 2-Hexanone-d5	8.636	63	168507	108.279	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211271	48.313	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	133325	49.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	116269	47.244	ug/L	99
3) Chloromethane	1.520	50	146290	47.690	ug/L	99
5) Vinyl chloride	1.607	62	149672	49.802	ug/L	89
6) Bromomethane	1.848	94	75332	52.261	ug/L	100
8) Chloroethane	1.932	64	91092	48.294	ug/L	99
9) Trichlorofluoromethane	2.138	101	163351	47.488	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	98954	45.577	ug/L	99
12) 1,1-Dichloroethene	2.585	96	98998	49.739	ug/L	87
13) Acetone	2.636	43	149150	58.006	ug/L	99
14) Carbon disulfide	2.797	76	309521	48.541	ug/L	99
15) Methyl Acetate	2.954	43	150778	47.546	ug/L	99
16) Methylene chloride	3.051	84	119136	47.247	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	116371	55.503	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	354144	51.225	ug/L	98
19) 1,1-Dichloroethane	3.877	63	213144	48.865	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	731683	316.694	ug/L	96
22) 2-Butanone	4.710	43	240307	83.503	ug/L	95
23) Bromochloromethane	4.980	128	57205	48.842	ug/L	99
25) Chloroform	5.096	83	208366	48.051	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	178598	49.243	ug/L	100
29) Cyclohexane	5.395	56	190935	51.178	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	173339	50.451	ug/L	99
31) Carbon tetrachloride	5.530	117	137403	50.634	ug/L	100
33) Benzene	5.777	78	467853	50.823	ug/L	100
34) Trichloroethene	6.546	95	385537	174.365	ug/L	98
35) Methylcyclohexane	6.768	83	178978	48.349	ug/L	99
37) 1,2-Dichloropropane	6.793	63	126184	50.345	ug/L	99
38) Bromodichloromethane	7.108	83	154841	50.399	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	179235	49.978	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	445366	106.371	ug/L	99
42) Toluene	7.973	91	476603	50.955	ug/L	98
44) trans-1,3-Dichloropropene	8.215	75	174376	51.136	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	114221	50.286	ug/L	99
46) Tetrachloroethene	8.555	164	76350	48.310	ug/L	96
48) 2-Hexanone	8.687	43	359570	96.845	ug/L	100
49) Dibromochloromethane	8.813	129	112655	50.148	ug/L	99
50) 1,2-Dibromoethane	8.928	107	120126	50.512	ug/L	99
51) Chlorobenzene	9.449	112	284000	49.183	ug/L	100
52) Ethylbenzene	9.575	91	499324	50.534	ug/L	99
53) m,p-Xylene	9.697	106	189758	50.695	ug/L	98
54) o-xylene	10.105	106	188666	51.293	ug/L	99
55) Styrene	10.118	104	322881	51.045	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	211691	48.674	ug/L	99
59) Bromoform	10.295	173	79183	51.239	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	175211	50.840	ug/L	99
61) Isopropylbenzene	10.488	105	480226	52.662	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	401322	52.697	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	414420	53.140	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	208839	49.555	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	208653	48.257	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	216035	49.936	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52146	52.651	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	140162	47.925	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	123712	50.903	ug/L	100
71) Naphthalene	14.089	128	507502	60.260	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	135672	54.562	ug/L	98

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

