

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045232.D
 Acq On : 08 Oct 2021 01:03
 Operator : SY/MD
 Sample : M4138-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW7F2MS

Quant Time: Oct 08 02:14:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	294165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	288096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	135322	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	120724	37.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.980%
7) Chloroethane-d5	1.896	69	101467	39.762	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	2.565	63	215053	39.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.540%
21) 2-Butanone-d5	4.626	46	221257	86.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.910%
24) Chloroform-d	5.067	84	222348	43.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
26) 1,2-Dichloroethane-d4	5.707	65	149627	43.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
32) Benzene-d6	5.732	84	433231	43.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	6.694	67	142561	43.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.480%
41) Toluene-d8	7.903	98	392738	45.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.040%
43) trans-1,3-Dichloroprop...	8.182	79	66718	46.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
47) 2-Hexanone-d5	8.636	63	162668	90.051	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.050%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	231165	45.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	12.198	152	141298	47.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	121414	43.106	ug/L	99
3) Chloromethane	1.523	50	135530	38.604	ug/L	100
5) Vinyl chloride	1.604	62	161480	46.947	ug/L	# 57
6) Bromomethane	1.832	94	47416	28.741	ug/L	97
8) Chloroethane	1.919	64	98471	45.614	ug/L	93
9) Trichlorofluoromethane	2.131	101	180655	45.888	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	107158	43.124	ug/L	99
12) 1,1-Dichloroethene	2.578	96	109364	48.009	ug/L	82
13) Acetone	2.633	43	152434	51.798	ug/L	99
14) Carbon disulfide	2.790	76	325183	44.559	ug/L	100
15) Methyl Acetate	2.951	43	140528	38.719	ug/L	97
16) Methylene chloride	3.048	84	135687	47.016	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	114701	47.799	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	423329	53.501	ug/L	98
19) 1,1-Dichloroethane	3.874	63	235917	47.257	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	134128	50.724	ug/L	93
22) 2-Butanone	4.707	43	242795	73.715	ug/L	97
23) Bromochloromethane	4.980	128	64104	47.822	ug/L	97
25) Chloroform	5.092	83	235758	47.504	ug/L	98

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27) 1,2-Dichloroethane	5.800	62	200630	48.333	ug/L	99
29) Cyclohexane	5.391	56	200320	46.258	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	191255	47.957	ug/L	98
31) Carbon tetrachloride	5.527	117	146413	46.483	ug/L	99
33) Benzene	5.777	78	519768	48.643	ug/L	100
34) Trichloroethene	6.546	95	119977	46.747	ug/L	99
35) Methylcyclohexane	6.764	83	188562	43.883	ug/L	97
37) 1,2-Dichloropropane	6.797	63	139387	47.911	ug/L	100
38) Bromodichloromethane	7.108	83	175880	49.319	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	208449	50.075	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	478798	98.520	ug/L	97
42) Toluene	7.973	91	564394	51.985	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	198900	50.250	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	133513	50.639	ug/L	99
46) Tetrachloroethene	8.555	164	81822	44.603	ug/L	98
48) 2-Hexanone	8.687	43	386767	89.744	ug/L	99
49) Dibromochloromethane	8.813	129	127831	49.023	ug/L	98
50) 1,2-Dibromoethane	8.928	107	141123	51.123	ug/L	100
51) Chlorobenzene	9.449	112	331844	49.510	ug/L	99
52) Ethylbenzene	9.575	91	648319	56.527	ug/L	100
53) m,p-Xylene	9.697	106	303037	69.747	ug/L	99
54) o-xylene	10.105	106	248400	58.181	ug/L	98
55) Styrene	10.118	104	378468	51.547	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	251763	49.871	ug/L	98
59) Bromoform	10.295	173	90855	54.136	ug/L	99
60) 1,2,3-Trichloropropane	10.829	75	201964	53.961	ug/L	99
61) Isopropylbenzene	10.488	105	574605	58.021	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	483971	58.516	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	495593	58.516	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	237334	51.857	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	239550	51.015	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	248412	52.872	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	56747	52.759	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	149951	47.211	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	128484	48.680	ug/L	100
71) Naphthalene	14.089	128	542975	59.366	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	133957	49.605	ug/L	99

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

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