

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050627.D
 Acq On : 03 Sep 2022 21:05
 Operator : SY/MD
 Sample : N4481-07MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

Quant Time: Sep 05 01:10:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	930575	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	856831	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	404834	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	417985	52.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.040%
7) Chloroethane-d5	1.893	69	221106	41.080	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.160%
11) 1,1-Dichloroethene-d2	2.559	63	514537	36.582	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.160%
21) 2-Butanone-d5	4.626	46	643611	110.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.520%
24) Chloroform-d	5.060	84	692080	45.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
26) 1,2-Dichloroethane-d4	5.700	65	438958	47.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
32) Benzene-d6	5.726	84	1380489	48.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
36) 1,2-Dichloropropane-d6	6.687	67	462931	49.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.600%
41) Toluene-d8	7.896	98	1185984	48.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	8.179	79	185368	48.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.380%
47) 2-Hexanone-d5	8.636	63	345180	147.612	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.610%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	713348	50.706	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	438802	46.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	185785	20.785	ug/L	99
3) Chloromethane	1.517	50	210554	21.801	ug/L	98
5) Vinyl chloride	1.600	62	196867	21.636	ug/L	98
6) Bromomethane	1.845	94	76195	16.604	ug/L	99
8) Chloroethane	1.916	64	85241	17.638	ug/L	96
9) Trichlorofluoromethane	2.125	101	193324	17.438	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	120122	16.518	ug/L	99
12) 1,1-Dichloroethene	2.571	96	126387	17.886	ug/L #	56
13) Acetone	2.633	43	149979	34.142	ug/L	98
14) Carbon disulfide	2.784	76	348578	16.636	ug/L	100
15) Methyl Acetate	2.948	43	162542	17.496	ug/L	100
16) Methylene chloride	3.041	84	155797	16.800	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	132043	17.622	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	418870	18.030	ug/L	99
19) 1,1-Dichloroethane	3.864	63	250247	17.310	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	149027	17.627	ug/L	96
22) 2-Butanone	4.706	43	239174	34.812	ug/L	95
23) Bromochloromethane	4.973	128	74277	17.002	ug/L	98
25) Chloroform	5.086	83	255958	17.379	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	188628	17.279	ug/L	99
29) Cyclohexane	5.385	56	205952	17.948	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	209990	18.196	ug/L	99
31) Carbon tetrachloride	5.520	117	172050	18.196	ug/L	100
33) Benzene	5.771	78	587343	18.836	ug/L	100
34) Trichloroethene	6.539	95	136190	18.744	ug/L	97
35) Methylcyclohexane	6.761	83	207085	17.928	ug/L	98
37) 1,2-Dichloropropane	6.790	63	153670	18.657	ug/L	100
38) Bromodichloromethane	7.105	83	180675	18.647	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	207587	18.619	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	427433	38.081	ug/L	99
42) Toluene	7.967	91	584329	18.448	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	198571	18.983	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	143105	18.086	ug/L	98
46) Tetrachloroethene	8.552	164	100300	18.900	ug/L	98
48) 2-Hexanone	8.687	43	428078	40.866	ug/L	98
49) Dibromochloromethane	8.809	129	138949	18.412	ug/L	98
50) 1,2-Dibromoethane	8.922	107	150279	18.676	ug/L	97
51) Chlorobenzene	9.446	112	358812	18.252	ug/L	99
52) Ethylbenzene	9.568	91	593259	18.959	ug/L	100
53) m,p-Xylene	9.693	106	228195	19.035	ug/L	96
54) o-Xylene	10.099	106	226767	19.000	ug/L	98
55) Styrene	10.115	104	385896	19.651	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	262822	18.648	ug/L	99
59) Bromoform	10.291	173	100388	16.620	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	199844	16.824	ug/L	99
61) Isopropylbenzene	10.484	105	565320	17.642	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	484748	17.694	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	475354	18.069	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	253921	18.009	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	252607	18.125	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	271626	18.088	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	53735	17.131	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	181809	17.768	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	160072	18.423	ug/L	100
71) Naphthalene	14.086	128	580761	18.853	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	175197	18.620	ug/L	99

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

