

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050641.D
 Acq On : 06 Sep 2022 18:07
 Operator : SY/MD
 Sample : N4481-07MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5MSD

Quant Time: Sep 07 01:41:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	242465	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236640	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	116648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60151	29.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.000%#
7) Chloroethane-d5	1.903	69	49790	35.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.565	63	142230	38.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.620%
21) 2-Butanone-d5	4.620	46	124138	81.816	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.820%
24) Chloroform-d	5.060	84	177102	45.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	5.700	65	108702	45.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
32) Benzene-d6	5.726	84	327578	41.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.780%
36) 1,2-Dichloropropane-d6	6.690	67	107806	41.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.980%
41) Toluene-d8	7.896	98	298023	44.564	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	8.179	79	49534	46.627	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	8.632	63	58467	90.530	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.530%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	179848	46.288	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.580%
66) 1,2-Dichlorobenzene-d4	12.192	152	117459	43.015	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	118963	51.081	ug/L	99
3) Chloromethane	1.520	50	104663	41.592	ug/L	100
5) Vinyl chloride	1.604	62	95434	40.253	ug/L	99
6) Bromomethane	1.845	94	50421	42.170	ug/L	99
8) Chloroethane	1.925	64	53382	42.392	ug/L	97
9) Trichlorofluoromethane	2.134	101	144176	49.913	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	92064	48.587	ug/L	98
12) 1,1-Dichloroethene	2.578	96	85479	46.428	ug/L	89
13) Acetone	2.623	43	100908	88.164	ug/L	100
14) Carbon disulfide	2.790	76	252899	46.322	ug/L	99
15) Methyl Acetate	2.944	43	104077	42.997	ug/L	97
16) Methylene chloride	3.044	84	103548	42.854	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	92184	47.217	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	289639	47.848	ug/L	98
19) 1,1-Dichloroethane	3.867	63	173346	46.021	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	107006	48.577	ug/L	93
22) 2-Butanone	4.700	43	154512	86.313	ug/L	96
23) Bromochloromethane	4.973	128	55927	49.133	ug/L	93
25) Chloroform	5.086	83	189021	49.256	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142226	50.004	ug/L	98
29) Cyclohexane	5.388	56	148978	47.008	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	165917	52.056	ug/L	98
31) Carbon tetrachloride	5.523	117	141031	54.007	ug/L	100
33) Benzene	5.774	78	414769	48.162	ug/L	100
34) Trichloroethene	6.542	95	100973	50.319	ug/L	98
35) Methylcyclohexane	6.764	83	159422	49.972	ug/L	97
37) 1,2-Dichloropropane	6.790	63	106128	46.654	ug/L	99
38) Bromodichloromethane	7.105	83	138799	51.870	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	148338	48.175	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	278796	89.936	ug/L	97
42) Toluene	7.970	91	434032	49.615	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	146170	50.596	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	104780	47.949	ug/L	99
46) Tetrachloroethene	8.552	164	80779	55.115	ug/L	97
48) 2-Hexanone	8.684	43	255678	88.377	ug/L	100
49) Dibromochloromethane	8.809	129	110908	53.212	ug/L	98
50) 1,2-Dibromoethane	8.922	107	113016	50.854	ug/L	97
51) Chlorobenzene	9.446	112	268933	49.534	ug/L	98
52) Ethylbenzene	9.571	91	446245	51.637	ug/L	100
53) m,p-Xylene	9.693	106	170652	51.543	ug/L	97
54) o-Xylene	10.098	106	173966	52.777	ug/L	98
55) Styrene	10.115	104	286998	52.917	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	186444	47.899	ug/L	100
59) Bromoform	10.291	173	84476	48.539	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	146827	42.900	ug/L	98
61) Isopropylbenzene	10.484	105	433016	46.897	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	378157	47.906	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	363015	47.891	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	199554	49.119	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	193790	48.257	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	204640	47.295	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	39666	43.887	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	143415	48.643	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	116567	46.561	ug/L	99
71) Naphthalene	14.085	128	401231	45.203	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	127644	47.082	ug/L	99

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

