

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048995.D
 Acq On : 10 Jun 2022 13:55
 Operator : SY/MD
 Sample : VSTD10077
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100077

Quant Time: Jun 10 22:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	314524	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	303467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	205155	105.125	ug/L	0.00
7) Chloroethane-d5	1.890	69	148963	103.572	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	385412	91.309	ug/L	0.00
21) 2-Butanone-d5	4.616	46	468044	249.469	ug/L	0.00
24) Chloroform-d	5.060	84	442343	93.275	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	286415	87.021	ug/L	0.00
32) Benzene-d6	5.726	84	819619	98.725	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	273324	108.710	ug/L	0.00
41) Toluene-d8	7.896	98	732611	95.490	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	135961	90.125	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	331260	247.443	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	472450	114.220	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	336773	92.940	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	283676	88.144	ug/L	99
3) Chloromethane	1.523	50	304433	137.476	ug/L	99
5) Vinyl chloride	1.604	62	279442	121.347	ug/L	99
6) Bromomethane	1.829	94	150906	97.040	ug/L	98
8) Chloroethane	1.912	64	155343	116.728	ug/L	98
9) Trichlorofluoromethane	2.124	101	394110	94.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	221661	102.479	ug/L	100
12) 1,1-Dichloroethene	2.571	96	200874	100.232	ug/L	98
13) Acetone	2.623	43	327564	221.360	ug/L	99
14) Carbon disulfide	2.787	76	496528	87.277	ug/L	99
15) Methyl Acetate	2.944	43	338234	127.208	ug/L	100
16) Methylene chloride	3.041	84	252562	106.164	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	217234	100.089	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	827788	108.699	ug/L	100
19) 1,1-Dichloroethane	3.864	63	463237	113.444	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	268739	108.707	ug/L	100
22) 2-Butanone	4.697	43	543482	273.159	ug/L	100
23) Bromochloromethane	4.970	128	140702	103.414	ug/L	99
25) Chloroform	5.086	83	491501	105.070	ug/L	99
27) 1,2-Dichloroethane	5.793	62	392114	99.581	ug/L	99
29) Cyclohexane	5.385	56	364259	116.871	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	436142	97.998	ug/L	98
31) Carbon tetrachloride	5.523	117	377777	94.150	ug/L	100
33) Benzene	5.771	78	1012161	113.434	ug/L	100
34) Trichloroethene	6.539	95	256561	104.265	ug/L	97
35) Methylcyclohexane	6.761	83	381355	108.386	ug/L	100
37) 1,2-Dichloropropane	6.790	63	283603	124.122	ug/L	100
38) Bromodichloromethane	7.105	83	379970	107.499	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	444667	118.193	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	1033444	289.758	ug/L	99
42) Toluene	7.967	91	1079221	112.992	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	443515	113.809	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	270989	113.710	ug/L	99
46) Tetrachloroethene	8.552	164	195483	99.701	ug/L	98
48) 2-Hexanone	8.684	43	856491	285.884	ug/L	100
49) Dibromochloromethane	8.809	129	313642	105.452	ug/L	99
50) 1,2-Dibromoethane	8.922	107	293965	108.754	ug/L	98
51) Chlorobenzene	9.446	112	698088	104.759	ug/L	100
52) Ethylbenzene	9.568	91	1175219	107.854	ug/L	98
53) m,p-Xylene	9.693	106	474553	108.652	ug/L	98
54) o-Xylene	10.098	106	473110	112.449	ug/L	98
55) Styrene	10.115	104	820002	112.770	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	534908	127.801	ug/L	98
59) Bromoform	10.291	173	257494	103.830	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	437880	118.706	ug/L	99
61) Isopropylbenzene	10.484	105	1222116	108.868	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1100620	155.296	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	899006	96.213	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	603030	105.999	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	603285	102.270	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	632426	107.794	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	147362	106.194	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	446211	100.102	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	382541	96.044	ug/L	99
71) Naphthalene	14.085	128	1291380	97.053	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	386435	95.567	ug/L	99

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

