

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050598.D
 Acq On : 02 Sep 2022 14:30
 Operator : SY/MD
 Sample : VSTD01020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010020

Quant Time: Sep 03 01:58:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 03 01:56:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	337704	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	150182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25817	9.818	ug/L	0.00
7) Chloroethane-d5	1.909	69	19307	9.623	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	49233	10.942	ug/L	0.00
21) 2-Butanone-d5	4.633	46	37063	16.639	ug/L	0.00
24) Chloroform-d	5.064	84	55367	10.834	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	34614	10.536	ug/L	0.00
32) Benzene-d6	5.726	84	106043	10.112	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	36408	10.406	ug/L	0.00
41) Toluene-d8	7.899	98	93060	10.231	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	14037	9.940	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	14200	11.964	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	56895	10.501	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	33948	10.354	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	34190	14.347	ug/L	96
3) Chloromethane	1.520	50	30676	8.706	ug/L	98
5) Vinyl chloride	1.604	62	28767	8.868	ug/L	100
6) Bromomethane	1.855	94	16109	10.747	ug/L	95
8) Chloroethane	1.932	64	16411	8.214	ug/L	98
9) Trichlorofluoromethane	2.138	101	40750	10.683	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	26039	11.178	ug/L	99
12) 1,1-Dichloroethene	2.578	96	24226	10.245	ug/L	97
13) Acetone	2.633	43	28533	16.341	ug/L	97
14) Carbon disulfide	2.790	76	70443	11.623	ug/L	100
15) Methyl Acetate	2.951	43	30047	8.426	ug/L	97
16) Methylene chloride	3.044	84	34932	9.332	ug/L	92
17) trans-1,2-Dichloroethene	3.356	96	25179	9.829	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	76984	9.049	ug/L	99
19) 1,1-Dichloroethane	3.871	63	50050	9.707	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	28542	9.519	ug/L	97
22) 2-Butanone	4.716	43	43416	16.137	ug/L	96
23) Bromochloromethane	4.973	128	15261	9.597	ug/L	92
25) Chloroform	5.086	83	51678	9.722	ug/L	96
27) 1,2-Dichloroethane	5.797	62	38976	9.356	ug/L	95
29) Cyclohexane	5.388	56	40418	10.262	ug/L	99
30) 1,1,1-Trichloroethane	5.318	97	43464	10.494	ug/L	97
31) Carbon tetrachloride	5.523	117	36258	11.267	ug/L	99
33) Benzene	5.774	78	115136	9.457	ug/L	100
34) Trichloroethene	6.543	95	27525	9.761	ug/L	98
35) Methylcyclohexane	6.764	83	41609	10.486	ug/L	98
37) 1,2-Dichloropropane	6.790	63	31038	9.345	ug/L	# 97
38) Bromodichloromethane	7.105	83	36894	9.739	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	39741	9.022	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	76507	16.126	ug/L	98
42) Toluene	7.970	91	116199	9.599	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	35846	8.947	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	30348	9.498	ug/L	98
46) Tetrachloroethene	8.555	164	21242	10.684	ug/L	97
48) 2-Hexanone	8.687	43	74358	18.141	ug/L	92
49) Dibromochloromethane	8.809	129	28178	9.965	ug/L	93
50) 1,2-Dibromoethane	8.925	107	30887	9.342	ug/L #	92
51) Chlorobenzene	9.446	112	75719	10.033	ug/L	98
52) Ethylbenzene	9.571	91	113882	9.611	ug/L	98
53) m,p-Xylene	9.694	106	43040	9.682	ug/L	100
54) o-Xylene	10.099	106	43055	9.567	ug/L	96
55) Styrene	10.115	104	67170	9.002	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	56328	9.903	ug/L	100
59) Bromoform	10.292	173	20429	10.112	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	43624	9.828	ug/L	98
61) Isopropylbenzene	10.485	105	106523	9.852	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	84214	9.410	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	77996	8.995	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	50791	9.932	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	50794	9.770	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	53623	9.729	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.996	75	10103	9.397	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	34243	9.611	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	27091	8.623	ug/L	98
71) Naphthalene	14.086	128	83341	6.601	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	29029	8.077	ug/L	99

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

