

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090222\
 Data File : VU050601.D
 Acq On : 02 Sep 2022 15:40
 Operator : SY/MD
 Sample : VSTD20023
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200023

Quant Time: Sep 03 01:59:49 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	6.247	114	522329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	508982	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	221112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	1020097	250.818	ug/L	0.00
7) Chloroethane-d5	1.900	69	596416	192.186	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1641184	235.820	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1485956	431.307	ug/L	0.00
24) Chloroform-d	5.060	84	1755172	222.057	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	1048842	206.415	ug/L	0.00
32) Benzene-d6	5.726	84	3500523	219.405	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	1104032	207.429	ug/L	0.00
41) Toluene-d8	7.896	98	2906640	210.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	500763	233.081	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	711287	393.926	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	1680294	203.853	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	1136869	235.518	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	922133	250.181	ug/L	99
3) Chloromethane	1.517	50	1204590	221.021	ug/L	98
5) Vinyl chloride	1.601	62	1183507	235.884	ug/L	98
6) Bromomethane	1.851	94	544205	234.742	ug/L	100
8) Chloroethane	1.919	64	534384	172.933	ug/L	98
9) Trichlorofluoromethane	2.128	101	1308403	221.759	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	801360	222.421	ug/L	99
12) 1,1-Dichloroethene	2.572	96	827561	226.274	ug/L	95
13) Acetone	2.636	43	995553	368.629	ug/L	97
14) Carbon disulfide	2.787	76	2497851	266.454	ug/L	100
15) Methyl Acetate	2.948	43	1101620	199.738	ug/L	100
16) Methylene chloride	3.041	84	1009190	174.300	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	886452	223.725	ug/L	100
18) Methyl tert-butyl Ether	3.363	73	2899020	220.325	ug/L	100
19) 1,1-Dichloroethane	3.864	63	1683097	211.048	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	1030571	222.208	ug/L	97
22) 2-Butanone	4.707	43	1682367	404.292	ug/L	98
23) Bromochloromethane	4.970	128	513528	208.794	ug/L	98
25) Chloroform	5.086	83	1713673	208.435	ug/L	100
27) 1,2-Dichloroethane	5.793	62	1153121	178.957	ug/L	99
29) Cyclohexane	5.385	56	1487446	248.248	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	1400364	222.249	ug/L	99
31) Carbon tetrachloride	5.523	117	1127231	230.247	ug/L	99
33) Benzene	5.768	78	3613863	195.108	ug/L	100
34) Trichloroethene	6.539	95	859792	200.415	ug/L	98
35) Methylcyclohexane	6.761	83	1427279	236.428	ug/L	98
37) 1,2-Dichloropropane	6.790	63	978915	193.744	ug/L	100
38) Bromodichloromethane	7.105	83	1071157	185.855	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	1475560	220.200	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	2913439	403.645	ug/L	99
42) Toluene	7.970	91	3809837	206.878	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	1376970	225.905	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	918624	188.980	ug/L	98
46) Tetrachloroethene	8.552	164	599409	198.177	ug/L	98
48) 2-Hexanone	8.687	43	2598095	416.657	ug/L	98
49) Dibromochloromethane	8.809	129	927448	215.598	ug/L	100
50) 1,2-Dibromoethane	8.922	107	860101	170.992	ug/L	97
51) Chlorobenzene	9.446	112	2333851	203.278	ug/L	99
52) Ethylbenzene	9.568	91	3953897	219.346	ug/L	100
53) m,p-Xylene	9.694	106	1568982	231.992	ug/L	99
54) o-Xylene	10.099	106	1542669	225.311	ug/L	98
55) Styrene	10.115	104	2667063	234.952	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	1725369	199.381	ug/L	99
59) Bromoform	10.292	173	711776	239.305	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	1276061	195.271	ug/L	100
61) Isopropylbenzene	10.484	105	3885259	244.067	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	3580279	271.734	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	3507335	274.739	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1419253	188.510	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1505614	196.697	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1884156	232.177	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	388684	245.543	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	1257993	239.814	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	1176852	254.417	ug/L	99
71) Naphthalene	14.086	128	3887509	209.131	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	1168779	220.883	ug/L	100

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

