

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052621.D
 Acq On : 06 Jan 2023 11:36
 Operator : JC/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050063

Quant Time: Jan 07 00:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:16:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	305409	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	301825	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	175242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	154658	55.791	ug/L	0.00
7) Chloroethane-d5	1.916	69	120901	57.976	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	246264	53.057	ug/L	0.00
21) 2-Butanone-d5	4.620	46	203894	103.428	ug/L	0.00
24) Chloroform-d	5.060	84	242608	50.651	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	160098	52.354	ug/L	0.00
32) Benzene-d6	5.723	84	484187	50.946	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	168122	56.104	ug/L	0.00
41) Toluene-d8	7.893	98	420943	50.027	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	73480	52.335	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	122718	84.888	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	220030	49.126	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	147397	41.849	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	104719	39.085	ug/L	100
3) Chloromethane	1.520	50	149024	57.118	ug/L	100
5) Vinyl chloride	1.607	62	137340	52.265	ug/L	100
6) Bromomethane	1.858	94	66401	41.825	ug/L	100
8) Chloroethane	1.935	64	88183	54.454	ug/L	100
9) Trichlorofluoromethane	2.141	101	159345	42.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	95228	45.036	ug/L	100
12) 1,1-Dichloroethene	2.581	96	86679	43.804	ug/L	100
13) Acetone	2.629	43	177097	96.012	ug/L	100
14) Carbon disulfide	2.793	76	268884	45.395	ug/L	100
15) Methyl Acetate	2.945	43	142082	57.914	ug/L	100
16) Methylene chloride	3.044	84	114534	46.046	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	92725	44.748	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	301555	48.494	ug/L	100
19) 1,1-Dichloroethane	3.867	63	210381	53.400	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	103938	46.712	ug/L	100
22) 2-Butanone	4.700	43	217672	102.562	ug/L	100
23) Bromochloromethane	4.970	128	52898	44.767	ug/L	100
25) Chloroform	5.083	83	201079	48.000	ug/L	100
27) 1,2-Dichloroethane	5.790	62	165015	50.778	ug/L	100
29) Cyclohexane	5.388	56	170854	53.316	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	159552	44.523	ug/L	100
31) Carbon tetrachloride	5.523	117	130093	42.249	ug/L	100
33) Benzene	5.771	78	451450	50.443	ug/L	100
34) Trichloroethene	6.539	95	99012	43.342	ug/L	100
35) Methylcyclohexane	6.761	83	159169	45.139	ug/L	100
37) 1,2-Dichloropropane	6.787	63	130008	55.379	ug/L	100
38) Bromodichloromethane	7.102	83	154199	49.155	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	174535	49.897	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	372255	115.394	ug/L	100
42) Toluene	7.967	91	442052	47.829	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	171609	50.269	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	106862	46.392	ug/L	100
46) Tetrachloroethene	8.549	164	68680	40.279	ug/L	100
48) 2-Hexanone	8.681	43	313541	115.567	ug/L	100
49) Dibromochloromethane	8.806	129	111161	44.282	ug/L	100
50) 1,2-Dibromoethane	8.919	107	108299	45.549	ug/L	100
51) Chlorobenzene	9.443	112	271758	45.349	ug/L	100
52) Ethylbenzene	9.565	91	454948	46.635	ug/L	100
53) m,p-Xylene	9.690	106	175402	46.718	ug/L	100
54) o-xylene	10.095	106	167470	46.727	ug/L	100
55) Styrene	10.111	104	309835	48.890	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	194347	47.868	ug/L	100
59) Bromoform	10.285	173	76708	38.143	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	153147	42.953	ug/L	100
61) Isopropylbenzene	10.481	105	437362	43.064	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	357303	42.202	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	358938	42.531	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	205743	40.271	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	208855	39.221	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	206947	40.252	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	42217	40.147	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	140958	36.470	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	118285	36.214	ug/L	100
71) Naphthalene	14.082	128	385577	37.019	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	127958	38.611	ug/L	100

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

