

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053194.D
 Acq On : 15 Mar 2023 11:22
 Operator : JC/MD
 Sample : VSTD20009
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200009

Quant Time: Mar 16 03:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:43:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	179150	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	174059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	97649	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	331254	200.170	ug/L	0.00
7) Chloroethane-d5	1.912	69	279555	202.866	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	576920	204.010	ug/L	0.00
21) 2-Butanone-d5	4.620	46	310855	367.195	ug/L	0.00
24) Chloroform-d	5.057	84	544191	190.375	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	331202	182.798	ug/L	0.00
32) Benzene-d6	5.723	84	1133604	186.456	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	364613	183.859	ug/L	0.00
41) Toluene-d8	7.893	98	1057111	187.820	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	187038	186.013	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	247697	368.272	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	501757	190.307	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	388374	184.120	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	392782	213.668	ug/L	100
3) Chloromethane	1.520	50	345401	193.850	ug/L	100
5) Vinyl chloride	1.604	62	386889	202.376	ug/L	99
6) Bromomethane	1.858	94	248946	205.619	ug/L	96
8) Chloroethane	1.935	64	235719	203.495	ug/L	100
9) Trichlorofluoromethane	2.137	101	485243	197.248	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	296019	211.172	ug/L	98
12) 1,1-Dichloroethene	2.578	96	274962	208.666	ug/L	95
13) Acetone	2.636	43	331212	541.557	ug/L	100
14) Carbon disulfide	2.793	76	828723	195.149	ug/L	99
15) Methyl Acetate	2.944	43	241274	203.029	ug/L	99
16) Methylene chloride	3.044	84	303764	199.055	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	277761	206.970	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	938712	208.521	ug/L	98
19) 1,1-Dichloroethane	3.864	63	553031	208.893	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	324861	207.329	ug/L	96
22) 2-Butanone	4.700	43	402509	463.376	ug/L	99
23) Bromochloromethane	4.970	128	154022	208.778	ug/L	96
25) Chloroform	5.083	83	570023	211.094	ug/L	98
27) 1,2-Dichloroethane	5.790	62	435580	208.083	ug/L	100
29) Cyclohexane	5.385	56	518131	201.338	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	485661	200.831	ug/L	99
31) Carbon tetrachloride	5.520	117	405888	198.461	ug/L	99
33) Benzene	5.771	78	1222913	200.028	ug/L	100
34) Trichloroethene	6.536	95	321804	202.205	ug/L	98
35) Methylcyclohexane	6.758	83	561633	203.944	ug/L	99
37) 1,2-Dichloropropane	6.784	63	339890	200.818	ug/L	99
38) Bromodichloromethane	7.099	83	436282	205.478	ug/L	98
39) cis-1,3-Dichloropropene	7.600	75	580730	208.912	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	706934	391.767	ug/L	99
42) Toluene	7.964	91	1341084	205.132	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	538303	209.961	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	318243	207.971	ug/L	98
46) Tetrachloroethene	8.549	164	217011	207.030	ug/L	99
48) 2-Hexanone	8.681	43	591954	409.416	ug/L	97
49) Dibromochloromethane	8.806	129	334139	210.848	ug/L	99
50) 1,2-Dibromoethane	8.919	107	343334	210.178	ug/L	100
51) Chlorobenzene	9.443	112	841457	207.961	ug/L	99
52) Ethylbenzene	9.565	91	1540944	211.445	ug/L	100
53) m,p-Xylene	9.690	106	583038	213.314	ug/L	100
54) o-Xylene	10.095	106	577860	212.752	ug/L	99
55) Styrene	10.108	104	991935	219.741	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	538223	215.204	ug/L	98
59) Bromoform	10.285	173	241666	203.342	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	389152	191.710	ug/L	99
61) Isopropylbenzene	10.478	105	1557614	200.230	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	1328645	202.144	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	1300853	203.759	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	674988	210.114	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	679886	208.903	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	678738	210.157	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	117133	197.845	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	455454	209.758	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	431167	210.529	ug/L	100
71) Naphthalene	14.082	128	1472197	188.499	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	413101	202.562	ug/L	99

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

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