

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046019.D
 Acq On : 29 Nov 2021 12:50
 Operator : SY/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050033

Quant Time: Nov 30 01:54:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 01:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190774	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103148	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78146	50.449	ug/L	0.00
7) Chloroethane-d5	1.919	69	59254	47.776	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	139064	50.529	ug/L	0.00
21) 2-Butanone-d5	4.649	46	122531	95.629	ug/L	0.00
24) Chloroform-d	5.067	84	131419	47.924	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	86056	47.415	ug/L	0.00
32) Benzene-d6	5.732	84	278101	47.992	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	84384	45.592	ug/L	0.00
41) Toluene-d8	7.899	98	255837	50.122	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	41018	46.954	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	81982	84.796	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126797	45.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	96406	47.038	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	103538	58.834	ug/L	100
3) Chloromethane	1.523	50	90664	45.401	ug/L	100
5) Vinyl chloride	1.607	62	91574	48.367	ug/L	100
6) Bromomethane	1.861	94	52366	52.608	ug/L	100
8) Chloroethane	1.938	64	53847	47.470	ug/L	100
9) Trichlorofluoromethane	2.144	101	121045	52.735	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	69045	49.946	ug/L	100
12) 1,1-Dichloroethene	2.584	96	65353	50.264	ug/L	100
13) Acetone	2.671	43	151620	129.822	ug/L	100
14) Carbon disulfide	2.800	76	202679	53.584	ug/L	100
15) Methyl Acetate	2.961	43	87079	48.691	ug/L	100
16) Methylene chloride	3.051	84	74915	47.188	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	70075	50.273	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	216389	45.487	ug/L	100
19) 1,1-Dichloroethane	3.874	63	126369	46.512	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	76109	48.432	ug/L	100
22) 2-Butanone	4.726	43	168986	112.129	ug/L	100
23) Bromochloromethane	4.980	128	37893	49.610	ug/L	100
25) Chloroform	5.092	83	138232	49.897	ug/L	100
27) 1,2-Dichloroethane	5.796	62	104145	46.758	ug/L	100
29) Cyclohexane	5.395	56	115417	43.789	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	116111	48.635	ug/L	100
31) Carbon tetrachloride	5.530	117	100368	52.085	ug/L	100
33) Benzene	5.777	78	289910	45.197	ug/L	100
34) Trichloroethene	6.546	95	76014	48.524	ug/L	100
35) Methylcyclohexane	6.768	83	125058	46.411	ug/L	100
37) 1,2-Dichloropropane	6.793	63	75490	44.407	ug/L	100
38) Bromodichloromethane	7.108	83	99533	46.149	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	116392	44.849	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	228656	91.179	ug/L	100
42) Toluene	7.973	91	315515	46.919	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	117733	47.504	ug/L	100

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45) 1,1,2-Trichloroethane	8.404	97	73898	46.436	ug/L	100
46) Tetrachloroethene	8.555	164	56021	49.969	ug/L	100
48) 2-Hexanone	8.687	43	209256	98.659	ug/L	100
49) Dibromochloromethane	8.812	129	79904	51.035	ug/L	100
50) 1,2-Dibromoethane	8.925	107	82278	48.769	ug/L	100
51) Chlorobenzene	9.449	112	197318	48.156	ug/L	100
52) Ethylbenzene	9.571	91	345374	48.097	ug/L	100
53) m,p-Xylene	9.697	106	135265	49.204	ug/L	100
54) o-xylene	10.102	106	129851	47.934	ug/L	100
55) Styrene	10.115	104	227055	49.697	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	125419	44.945	ug/L	100
59) Bromoform	10.291	173	58297	49.403	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	106338	43.299	ug/L	100
61) Isopropylbenzene	10.488	105	345741	46.347	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	295651	46.675	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	296562	46.266	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	158570	47.706	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	161424	47.835	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	157679	46.201	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	28659	40.460	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	116308	47.323	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	102914	46.061	ug/L	100
71) Naphthalene	14.086	128	382378	45.510	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	108036	47.218	ug/L	100

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

