

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045433.D
 Acq On : 28 Oct 2021 12:03
 Operator : SY/MD
 Sample : VSTD10028
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100028

Quant Time: Oct 29 02:51:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	320754	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	303251	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	153944	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	260542	157.602	ug/L	0.00
7) Chloroethane-d5	1.916	69	220871	149.651	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	467625	146.598	ug/L	0.00
21) 2-Butanone-d5	4.633	46	448649	213.018	ug/L	0.00
24) Chloroform-d	5.070	84	474006	120.540	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	306203	114.935	ug/L	0.00
32) Benzene-d6	5.732	84	942638	145.843	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	305206	127.372	ug/L	0.00
41) Toluene-d8	7.903	98	832906	149.580	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	148447	124.202	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	338453	234.507	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	452352	104.471	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	311259	111.812	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	279495	113.330	ug/L	100
3) Chloromethane	1.520	50	321490	114.390	ug/L	100
5) Vinyl chloride	1.604	62	317026	105.011	ug/L	99
6) Bromomethane	1.861	94	162657	102.245	ug/L	99
8) Chloroethane	1.935	64	200051	108.561	ug/L	97
9) Trichlorofluoromethane	2.141	101	378269	103.488	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	229048	99.886	ug/L	99
12) 1,1-Dichloroethene	2.584	96	217567	102.165	ug/L	96
13) Acetone	2.646	43	333005	144.639	ug/L	100
14) Carbon disulfide	2.797	76	631136	106.987	ug/L	99
15) Methyl Acetate	2.954	43	296724	97.493	ug/L	100
16) Methylene chloride	3.051	84	261365	95.987	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	233676	102.208	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	821318	103.329	ug/L	100
19) 1,1-Dichloroethane	3.874	63	459212	98.706	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	268059	102.689	ug/L	99
22) 2-Butanone	4.713	43	475362	180.712	ug/L	100
23) Bromochloromethane	4.980	128	125353	98.163	ug/L	99
25) Chloroform	5.092	83	457632	97.283	ug/L	99
27) 1,2-Dichloroethane	5.800	62	374761	99.000	ug/L	100
29) Cyclohexane	5.395	56	430201	113.855	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	382015	103.860	ug/L	99
31) Carbon tetrachloride	5.530	117	303819	106.834	ug/L	99
33) Benzene	5.780	78	1030643	105.718	ug/L	100
34) Trichloroethene	6.546	95	249796	104.517	ug/L	99
35) Methylcyclohexane	6.768	83	438614	114.224	ug/L	100
37) 1,2-Dichloropropane	6.797	63	270616	102.658	ug/L	100
38) Bromodichloromethane	7.112	83	351005	103.229	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	436599	110.107	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	820233	205.049	ug/L	100
42) Toluene	7.973	91	1084676	106.602	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	412954	109.302	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	251534	100.069	ug/L	99
46) Tetrachloroethene	8.559	164	176983	106.151	ug/L	98
48) 2-Hexanone	8.690	43	673514	200.567	ug/L	100
49) Dibromochloromethane	8.816	129	252952	103.230	ug/L	99
50) 1,2-Dibromoethane	8.928	107	268967	103.279	ug/L	99
51) Chlorobenzene	9.452	112	652697	102.088	ug/L	99
52) Ethylbenzene	9.575	91	1175730	107.137	ug/L	99
53) m,p-Xylene	9.697	106	449667	107.426	ug/L	96
54) o-xylene	10.105	106	443245	105.953	ug/L	98
55) Styrene	10.118	104	771305	109.078	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	450595	100.591	ug/L	99
59) Bromoform	10.295	173	181728	105.037	ug/L	100
60) 1,2,3-Trichloropropane	10.829	75	364380	100.416	ug/L	99
61) Isopropylbenzene	10.488	105	1149891	106.578	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	1005951	112.230	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	1026283	112.822	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	502712	103.168	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	506021	102.474	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	513017	103.399	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	114069	112.072	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	381926	112.632	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	358806	124.451	ug/L	99
71) Naphthalene	14.089	128	1384077	139.248	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	361086	124.751	ug/L	100

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

