

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040821\
 Data File : VU042985.D
 Acq On : 08 Apr 2021 11:41
 Operator : SY/MD
 Sample : VSTD05031
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050306

Quant Time: Apr 09 01:33:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 01:31:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	181666	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	180959	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	102352	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69293	62.64	ug/L	0.00
7) Chloroethane-d5	1.906	69	52924	57.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	138212	55.25	ug/L	0.00
21) 2-Butanone-d5	4.626	46	143360	97.99	ug/L	0.00
24) Chloroform-d	5.073	84	135634	52.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	97899	50.17	ug/L	0.00
32) Benzene-d6	5.735	84	245326	52.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	82460	51.64	ug/L	0.00
41) Toluene-d8	7.906	98	241206	51.97	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	43577	51.99	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	100444	101.71	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	138798	51.56	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	106455	51.24	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	70463	49.03	ug/L	100
3) Chloromethane	1.523	50	71690	49.06	ug/L	100
5) Vinyl chloride	1.607	62	68394	49.86	ug/L	100
6) Bromomethane	1.842	94	41923	49.49	ug/L	100
8) Chloroethane	1.928	64	43957	49.07	ug/L	100
9) Trichlorofluoromethane	2.137	101	117021	51.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	62275	51.49	ug/L	100
12) 1,1-Dichloroethene	2.584	96	55794	50.78	ug/L	100
13) Acetone	2.626	43	135279	110.21	ug/L	100
14) Carbon disulfide	2.797	76	173575	49.54	ug/L	100
15) Methyl Acetate	2.951	43	103459	50.25	ug/L	100
16) Methylene chloride	3.051	84	65591	50.17	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	60738	50.63	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	209209	50.42	ug/L	100
19) 1,1-Dichloroethane	3.877	63	122338	50.15	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	66397	49.81	ug/L	100
22) 2-Butanone	4.707	43	179562	104.74	ug/L	100
23) Bromochloromethane	4.980	128	35516	49.74	ug/L	100
25) Chloroform	5.096	83	128996	50.82	ug/L	100
27) 1,2-Dichloroethane	5.803	62	116281	50.34	ug/L	100
29) Cyclohexane	5.398	56	114484	50.32	ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	115696	49.70	ug/L	100
31) Carbon tetrachloride	5.533	117	100985	50.88	ug/L	100
33) Benzene	5.780	78	264094	50.96	ug/L	100
34) Trichloroethene	6.549	95	68663	49.04	ug/L	100
35) Methylcyclohexane	6.771	83	108497	50.93	ug/L	100
37) 1,2-Dichloropropane	6.800	63	74114	50.82	ug/L	100
38) Bromodichloromethane	7.112	83	99634	50.94	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	115405	51.68	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	310824	99.27	ug/L	100
42) Toluene	7.976	91	299663	51.61	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	115829	51.09	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	68777	50.88	ug/L	100
46) Tetrachloroethene	8.558	164	58243	51.47	ug/L	100
48) 2-Hexanone	8.690	43	266905	100.81	ug/L	100
49) Dibromochloromethane	8.816	129	83022	51.30	ug/L	100
50) 1,2-Dibromoethane	8.931	107	76349	49.53	ug/L	100
51) Chlorobenzene	9.452	112	183374	50.06	ug/L	100
52) Ethylbenzene	9.578	91	337542	51.60	ug/L	100
53) m,p-Xylene	9.700	106	125602	52.08	ug/L	100
54) o-xylene	10.108	106	125201	51.64	ug/L	100
55) Styrene	10.121	104	214857	51.54	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	139916	52.22	ug/L	100
59) Bromoform	10.298	173	70404	48.90	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	115189	48.88	ug/L	100
61) Isopropylbenzene	10.491	105	340321	50.48	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	297136	51.45	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	306990	52.44	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	164714	50.28	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	166422	51.14	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	167916	51.02	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.005	75	39745	51.78	ug/L	100
69) 1,3,5-Trichlorobenzene	13.227	180	131371	53.10	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	108668	55.50	ug/L	100
71) Naphthalene	14.095	128	348217	59.55	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	109452	57.23	ug/L	100

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

