

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046662.D
 Acq On : 05 Jan 2022 13:43
 Operator : SY/MD
 Sample : VSTD20041
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200041

Quant Time: Jan 06 02:21:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190591	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	185335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	106833	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	314802	199.622	ug/L	0.00
7) Chloroethane-d5	1.919	69	231391	192.093	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	535325	190.536	ug/L	0.00
21) 2-Butanone-d5	4.649	46	476099	382.493	ug/L	0.00
24) Chloroform-d	5.070	84	543966	205.656	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	345332	195.506	ug/L	0.00
32) Benzene-d6	5.732	84	1087659	202.680	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	323975	195.712	ug/L	0.00
41) Toluene-d8	7.903	98	1005030	206.027	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	178175	221.736	ug/L	0.00
47) 2-Hexanone-d5	8.645	63	419668	510.849	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	533789	211.293	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	423344	203.445	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	332482	165.824	ug/L	100
3) Chloromethane	1.523	50	287071	159.600	ug/L	100
5) Vinyl chloride	1.607	62	308909	169.114	ug/L	100
6) Bromomethane	1.864	94	190420	181.072	ug/L	97
8) Chloroethane	1.941	64	183396	173.446	ug/L	95
9) Trichlorofluoromethane	2.144	101	443136	183.378	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	249659	182.275	ug/L	99
12) 1,1-Dichloroethene	2.584	96	237676	182.757	ug/L	96
13) Acetone	2.668	43	415065	279.457	ug/L	99
14) Carbon disulfide	2.800	76	700465	174.859	ug/L	100
15) Methyl Acetate	2.961	43	286555	161.564	ug/L	99
16) Methylene chloride	3.051	84	266848	171.367	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	252654	184.060	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	812974	192.349	ug/L	100
19) 1,1-Dichloroethane	3.877	63	444905	177.656	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	281447	188.331	ug/L	99
22) 2-Butanone	4.729	43	502726	308.758	ug/L	99
23) Bromochloromethane	4.980	128	142214	186.247	ug/L	96
25) Chloroform	5.092	83	487702	175.323	ug/L	99
27) 1,2-Dichloroethane	5.800	62	382633	184.106	ug/L	100
29) Cyclohexane	5.395	56	405070	190.109	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	438194	192.070	ug/L	99
31) Carbon tetrachloride	5.530	117	382452	197.835	ug/L	99
33) Benzene	5.780	78	1039686	185.440	ug/L	100
34) Trichloroethene	6.546	95	275037	187.334	ug/L	98
35) Methylcyclohexane	6.768	83	470218	206.644	ug/L	99
37) 1,2-Dichloropropane	6.796	63	263721	180.153	ug/L	100
38) Bromodichloromethane	7.108	83	375815	191.944	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	458010	205.051	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	803922	379.482	ug/L	99
42) Toluene	7.973	91	1137071	189.039	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	444604	205.053	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	271152	183.732	ug/L	99
46) Tetrachloroethene	8.555	164	212994	196.028	ug/L	98
48) 2-Hexanone	8.697	43	671807	357.913	ug/L	99
49) Dibromochloromethane	8.816	129	316377	203.918	ug/L	99
50) 1,2-Dibromoethane	8.928	107	304413	191.902	ug/L	99
51) Chlorobenzene	9.449	112	731093	187.822	ug/L	99
52) Ethylbenzene	9.574	91	1279748	199.089	ug/L	99
53) m,p-Xylene	9.697	106	499775	199.347	ug/L	100
54) o-xylene	10.105	106	486931	200.040	ug/L	100
55) Styrene	10.118	104	867702	208.742	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	496930	195.325	ug/L	99
59) Bromoform	10.295	173	255933	201.362	ug/L	98
60) 1,2,3-Trichloropropane	10.828	75	408678	173.962	ug/L	99
61) Isopropylbenzene	10.488	105	1312935	189.744	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	1198856	207.970	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	1208041	209.576	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	645729	195.503	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	652030	190.941	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	630699	189.417	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	133358	208.374	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	505049	208.980	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	462197	215.246	ug/L	100
71) Naphthalene	14.089	128	1606853	217.128	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	451237	206.501	ug/L	100

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

