

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021712.D
 Acq On : 02 Aug 2021 10:44
 Operator : SY/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100235

Quant Time: Aug 03 01:15:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 01:13:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	432193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	409493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	218890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	271211	90.244	ug/L	0.00
7) Chloroethane-d5	1.551	69	222023	105.113	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	486417	95.718	ug/L	0.00
21) 2-Butanone-d5	3.866	46	505881	214.639	ug/L	0.00
24) Chloroform-d	4.346	84	589260	101.507	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	349011	101.608	ug/L	0.00
32) Benzene-d6	5.050	84	1177045	98.285	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	373572	99.843	ug/L	0.00
41) Toluene-d8	7.317	98	1093404	98.886	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	188584	100.925	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	371943	219.961	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	515712	103.810	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	458164	101.855	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	278375	89.838	ug/L	100
3) Chloromethane	1.240	50	276222	94.231	ug/L	99
5) Vinyl chloride	1.307	62	280647	92.370	ug/L	100
6) Bromomethane	1.500	94	152099	96.895	ug/L	99
8) Chloroethane	1.571	64	172475	98.721	ug/L	99
9) Trichlorofluoromethane	1.744	101	409808	94.661	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	232287	94.759	ug/L	99
12) 1,1-Dichloroethene	2.114	96	213497	93.846	ug/L	89
13) Acetone	2.156	43	259727	171.051	ug/L	100
14) Carbon disulfide	2.288	76	577662	86.027	ug/L	99
15) Methyl Acetate	2.423	43	321766	98.029	ug/L	98
16) Methylene chloride	2.503	84	285171	87.191	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	256406	94.900	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	906500	98.350	ug/L	99
19) 1,1-Dichloroethane	3.188	63	496800	96.732	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	305225	97.152	ug/L	99
22) 2-Butanone	3.953	43	459738	200.414	ug/L	100
23) Bromochloromethane	4.246	128	158590	95.186	ug/L	97
25) Chloroform	4.375	83	516861	97.307	ug/L	99
27) 1,2-Dichloroethane	5.130	62	365993	95.872	ug/L	100
29) Cyclohexane	4.677	56	405375	90.778	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	454710	94.036	ug/L	100
31) Carbon tetrachloride	4.828	117	395825	95.059	ug/L	99
33) Benzene	5.098	78	1090256	94.254	ug/L	100
34) Trichloroethene	5.915	95	294327	93.353	ug/L	98
35) Methylcyclohexane	6.133	83	425312	91.377	ug/L	99
37) 1,2-Dichloropropane	6.175	63	292878	96.837	ug/L	100
38) Bromodichloromethane	6.509	83	403801	98.039	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	471538	96.750	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	870278	195.235	ug/L	100
42) Toluene	7.387	91	1187415	95.118	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	460334	99.530	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	295780	96.521	ug/L	99
46) Tetrachloroethene	7.976	164	227998	93.569	ug/L	97
48) 2-Hexanone	8.140	43	666963	195.335	ug/L	100
49) Dibromochloromethane	8.249	129	343946	99.220	ug/L	99
50) 1,2-Dibromoethane	8.352	107	317522	97.200	ug/L	100
51) Chlorobenzene	8.882	112	790098	96.209	ug/L	99
52) Ethylbenzene	9.014	91	1290369	96.304	ug/L	100
53) m,p-Xylene	9.140	106	504070	97.050	ug/L	98
54) o-Xylene	9.545	106	500888	95.913	ug/L	99
55) Styrene	9.561	104	874411	99.377	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	470107	100.440	ug/L	98
59) Bromoform	9.731	173	267177	99.411	ug/L	99
60) Isopropylbenzene	9.934	105	1322650	93.802	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	382603	94.746	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	1141124	95.882	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	1161880	96.452	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	645728	96.413	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	644228	95.940	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	657136	96.704	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	115611	104.117	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	499394	100.563	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	440077	101.161	ug/L	100
71) Naphthalene	13.503	128	1404241	105.380	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	444269	100.794	ug/L	98

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

