

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071921\
 Data File : VV021680.D
 Acq On : 19 Jul 2021 14:19
 Operator : SY/MD
 Sample : VSTD20029
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200229

Quant Time: Jul 20 01:28:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	462805	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	430265	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	231140	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	660547	221.151	ug/L	0.00
7) Chloroethane-d5	1.558	69	289002	120.490	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	1089437	203.270	ug/L	0.00
21) 2-Butanone-d5	3.870	46	1025170	411.200	ug/L	0.00
24) Chloroform-d	4.346	84	1253915	204.394	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	742639	205.232	ug/L	0.00
32) Benzene-d6	5.047	84	2540278	207.460	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	796150	205.820	ug/L	0.00
41) Toluene-d8	7.317	98	2350631	207.147	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	413548	215.117	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	768730	432.678	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	1051420	203.507	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	933774	199.945	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	649441	168.611	ug/L	100
3) Chloromethane	1.240	50	603240	162.867	ug/L	99
5) Vinyl chloride	1.307	62	635079	171.217	ug/L	99
6) Bromomethane	1.513	94	264312	131.635	ug/L	100
8) Chloroethane	1.574	64	283196	133.222	ug/L	100
9) Trichlorofluoromethane	1.744	101	900453	188.917	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	508790	188.521	ug/L	100
12) 1,1-Dichloroethene	2.114	96	466926	180.658	ug/L	88
13) Acetone	2.162	43	531449	275.356	ug/L	99
14) Carbon disulfide	2.288	76	1425562	159.786	ug/L	99
15) Methyl Acetate	2.423	43	680991	180.461	ug/L	100
16) Methylene chloride	2.503	84	623385	175.797	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	570230	180.838	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	1912665	185.634	ug/L	99
19) 1,1-Dichloroethane	3.185	63	1069613	184.934	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	663654	187.884	ug/L	98
22) 2-Butanone	3.953	43	946061	343.091	ug/L	98
23) Bromochloromethane	4.243	128	346394	185.952	ug/L	98
25) Chloroform	4.371	83	1097494	185.843	ug/L	97
27) 1,2-Dichloroethane	5.127	62	787925	184.381	ug/L	99
29) Cyclohexane	4.677	56	934141	175.474	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	980195	182.878	ug/L	100
31) Carbon tetrachloride	4.825	117	864532	184.448	ug/L	99
33) Benzene	5.098	78	2352879	181.253	ug/L	100
34) Trichloroethene	5.911	95	634116	181.075	ug/L	98
35) Methylcyclohexane	6.130	83	984430	178.954	ug/L	99
37) 1,2-Dichloropropane	6.172	63	620743	182.828	ug/L	100
38) Bromodichloromethane	6.509	83	857347	188.323	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	1045165	188.256	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	1794734	362.514	ug/L	99
42) Toluene	7.387	91	2533392	182.387	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	984803	190.065	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	620229	186.574	ug/L	99
46) Tetrachloroethene	7.976	164	507032	182.577	ug/L	98
48) 2-Hexanone	8.140	43	1334284	342.478	ug/L	99
49) Dibromochloromethane	8.249	129	731906	192.413	ug/L	98
50) 1,2-Dibromoethane	8.352	107	667612	184.080	ug/L	99
51) Chlorobenzene	8.882	112	1666001	184.157	ug/L	100
52) Ethylbenzene	9.014	91	2749947	182.443	ug/L	99
53) m,p-Xylene	9.140	106	1083630	187.312	ug/L	95
54) o-Xylene	9.545	106	1063397	184.147	ug/L	99
55) Styrene	9.561	104	1819124	186.138	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	969599	187.607	ug/L	99
59) Bromoform	9.731	173	560566	190.735	ug/L	99
60) Isopropylbenzene	9.934	105	2791987	178.401	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	758519	170.650	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	2394150	179.574	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	2428015	180.221	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	1355503	184.084	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	1353853	183.562	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	1335222	180.627	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	240380	185.538	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	1049299	190.936	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	977316	206.177	ug/L	99
71) Naphthalene	13.503	128	3136730	217.041	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	970035	205.843	ug/L	100

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

