

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038389.D
 Acq On : 02 Dec 2024 13:22
 Operator : SY/MD
 Sample : VSTD20011
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200211

Quant Time: Dec 02 21:00:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	616667	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	613044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	342592	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	1013277	196.649	ug/L	0.00
7) Chloroethane-d5	1.523	69	863282	198.845	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	433383	198.389	ug/L	0.00
21) 2-Butanone-d5	3.770	46	1155096	485.685	ug/L	0.00
24) Chloroform-d	4.236	84	1863896	199.451	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	1110708	200.686	ug/L	0.00
32) Benzene-d6	4.947	84	3674145	208.014	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	1152426	201.440	ug/L	0.00
41) Toluene-d8	7.233	98	3443072	215.528	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.538	79	604817	231.340	ug/L	0.00
47) 2-Hexanone-d5	8.011	63	888358	552.574	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	1592770	207.359	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	1378837	208.165	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	1068115	188.598	ug/L	100
3) Chloromethane	1.214	50	1098788	187.021	ug/L	99
5) Vinyl chloride	1.281	62	1165124	194.423	ug/L	99
6) Bromomethane	1.481	94	717728	193.299	ug/L	99
8) Chloroethane	1.542	64	722964	190.659	ug/L	100
9) Trichlorofluoromethane	1.709	101	1491030	188.650	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	875707	192.429	ug/L	100
12) 1,1-Dichloroethene	2.066	96	853907	197.027	ug/L	87
13) Acetone	2.111	43	1249121	369.343	ug/L	99
14) Carbon disulfide	2.236	76	2735044	191.752	ug/L	100
15) Methyl Acetate	2.365	43	908005	207.436	ug/L	100
16) Methylene chloride	2.439	84	994195	190.110	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	945826	200.136	ug/L	96
18) Methyl tert-butyl Ether	2.696	73	2977314	218.126	ug/L	99
19) 1,1-Dichloroethane	3.101	63	1699708	196.107	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	1056726	212.617	ug/L	98
22) 2-Butanone	3.850	43	1437763	478.552	ug/L	95
23) Bromochloromethane	4.133	128	538527	199.340	ug/L	98
25) Chloroform	4.262	83	1765280	195.117	ug/L	99
27) 1,2-Dichloroethane	5.027	62	1331386	201.734	ug/L	97
29) Cyclohexane	4.571	56	1498720	227.552	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	1546548	199.636	ug/L	99
31) Carbon tetrachloride	4.725	117	1360269	199.802	ug/L	99
33) Benzene	4.998	78	3805288	205.645	ug/L	100
34) Trichloroethene	5.821	95	1013628	205.042	ug/L	99
35) Methylcyclohexane	6.040	83	1594359	224.588	ug/L	98
37) 1,2-Dichloropropane	6.082	63	1001368	208.130	ug/L	100
38) Bromodichloromethane	6.420	83	1362293	204.016	ug/L	100
39) cis-1,3-Dichloropropene	6.940	75	1758368	235.513	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	2448505	478.572	ug/L	98
42) Toluene	7.304	91	4041216	210.215	ug/L	99
44) trans-1,3-Dichloropropene	7.567	75	1640688	231.587	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	1005882	201.498	ug/L	99
46) Tetrachloroethene	7.895	164	763564	200.069	ug/L	99
48) 2-Hexanone	8.063	43	2019343	479.236	ug/L	99
49) Dibromochloromethane	8.165	129	1087375	211.188	ug/L	99
50) 1,2-Dibromoethane	8.272	107	1093912	207.929	ug/L	99
51) Chlorobenzene	8.802	112	2690353	203.678	ug/L	99
52) Ethylbenzene	8.937	91	4596106	222.908	ug/L	99
53) m,p-Xylene	9.062	106	1774199	227.014	ug/L	97
54) o-Xylene	9.468	106	1741650	231.646	ug/L	98
55) Styrene	9.484	104	3043042	230.539	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.169	83	1586857	204.642	ug/L	99
59) Bromoform	9.654	173	800067	217.237	ug/L	100
60) Isopropylbenzene	9.857	105	4618584	220.460	ug/L	100
61) 1,2,3-Trichloropropane	10.197	75	1198753	200.994	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	3911194	232.673	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	3924221	237.469	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	2208892	205.410	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	2237354	195.714	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	2219019	202.406	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.352	75	353204	224.699	ug/L	98
69) 1,3,5-Trichlorobenzene	12.570	180	1605288	218.863	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	1468414	237.634	ug/L	99
71) Naphthalene	13.426	128	4233851	259.108	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	1371871	226.292	ug/L	100

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

