

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038387.D
 Acq On : 02 Dec 2024 12:36
 Operator : SY/MD
 Sample : VSTD05009
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050209

Quant Time: Dec 02 20:59:05 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	5.522	114	534808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	537869	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	293208	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	231965	51.909	ug/L	0.00
7) Chloroethane-d5	1.529	69	198480	52.715	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	98079	51.770	ug/L	0.00
21) 2-Butanone-d5	3.780	46	227300	110.202	ug/L	0.00
24) Chloroform-d	4.233	84	432103	53.316	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	257632	53.675	ug/L	0.00
32) Benzene-d6	4.947	84	836456	53.975	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	256035	51.009	ug/L	0.00
41) Toluene-d8	7.230	98	782101	55.800	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	125750	54.821	ug/L	0.00
47) 2-Hexanone-d5	8.014	63	151519	107.420	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	351309	52.128	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	296590	52.318	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	232200	47.275	ug/L	100
3) Chloromethane	1.214	50	257483	50.533	ug/L	100
5) Vinyl chloride	1.281	62	257528	49.551	ug/L	100
6) Bromomethane	1.484	94	164052	50.945	ug/L	100
8) Chloroethane	1.545	64	167136	50.823	ug/L	100
9) Trichlorofluoromethane	1.709	101	323942	47.260	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	188519	47.766	ug/L	100
12) 1,1-Dichloroethene	2.063	96	184427	49.067	ug/L	100
13) Acetone	2.114	43	298423	101.744	ug/L	100
14) Carbon disulfide	2.236	76	604374	48.858	ug/L	100
15) Methyl Acetate	2.368	43	198498	52.288	ug/L	100
16) Methylene chloride	2.439	84	233764	51.542	ug/L	100
17) trans-1,2-Dichloroethene	2.686	96	201162	49.081	ug/L	100
18) Methyl tert-butyl Ether	2.693	73	625374	52.829	ug/L	100
19) 1,1-Dichloroethane	3.101	63	379350	50.468	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	218876	50.779	ug/L	100
22) 2-Butanone	3.857	43	281696	108.112	ug/L	100
23) Bromochloromethane	4.133	128	122030	52.084	ug/L	100
25) Chloroform	4.262	83	399527	50.919	ug/L	100
27) 1,2-Dichloroethane	5.027	62	299728	52.367	ug/L	100
29) Cyclohexane	4.571	56	277617	48.042	ug/L	100
30) 1,1,1-Trichloroethane	4.497	97	329576	48.489	ug/L	100
31) Carbon tetrachloride	4.722	117	283391	47.443	ug/L	100
33) Benzene	4.995	78	840685	51.782	ug/L	100
34) Trichloroethene	5.821	95	211092	48.669	ug/L	100
35) Methylcyclohexane	6.040	83	302277	48.531	ug/L	100
37) 1,2-Dichloropropane	6.079	63	218520	51.766	ug/L	100
38) Bromodichloromethane	6.419	83	297439	50.770	ug/L	100
39) cis-1,3-Dichloropropene	6.944	75	333227	50.870	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	494690	110.203	ug/L	100
42) Toluene	7.304	91	866117	51.350	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	333487	53.652	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	224712	51.306	ug/L	100
46) Tetrachloroethene	7.892	164	158676	47.387	ug/L	100
48) 2-Hexanone	8.066	43	405242	109.615	ug/L	100
49) Dibromochloromethane	8.165	129	231361	51.215	ug/L	100
50) 1,2-Dibromoethane	8.271	107	239187	51.818	ug/L	100
51) Chlorobenzene	8.802	112	560896	48.399	ug/L	100
52) Ethylbenzene	8.937	91	914966	50.577	ug/L	100
53) m,p-Xylene	9.062	106	352097	51.349	ug/L	100
54) o-Xylene	9.468	106	339821	51.515	ug/L	100
55) Styrene	9.487	104	624321	53.909	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	343983	50.560	ug/L	100
59) Bromoform	9.654	173	156406	49.621	ug/L	100
60) Isopropylbenzene	9.857	105	891206	49.705	ug/L	100
61) 1,2,3-Trichloropropane	10.197	75	259408	50.820	ug/L	100
62) 1,3,5-Trimethylbenzene	10.467	105	717220	49.853	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	726372	51.359	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	443559	48.195	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	458543	46.867	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	449570	47.914	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	65215	48.476	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	295239	47.032	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	251101	47.480	ug/L	100
71) Naphthalene	13.429	128	632847	45.253	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	251712	48.513	ug/L	100

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

