

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029412.D
 Acq On : 07 Dec 2022 12:22
 Operator : SY/MD
 Sample : VSTD05078
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050278

Quant Time: Dec 08 00:32:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	502956	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	457414	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	251432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	146489	47.142	ug/L	0.00
7) Chloroethane-d5	1.551	69	114402	45.141	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	236923	43.399	ug/L	0.00
21) 2-Butanone-d5	3.866	46	185138	73.554	ug/L	0.00
24) Chloroform-d	4.336	84	283872	43.799	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	162656	42.206	ug/L	0.00
32) Benzene-d6	5.040	84	591903	46.680	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	179379	44.853	ug/L	0.00
41) Toluene-d8	7.307	98	561345	47.662	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	91061	46.107	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	158689	92.341	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	258299	48.579	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	231190	45.403	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	205897	58.990	ug/L	100
3) Chloromethane	1.240	50	226772	63.869	ug/L	100
5) Vinyl chloride	1.307	62	189135	54.875	ug/L	100
6) Bromomethane	1.500	94	88441	49.940	ug/L	100
8) Chloroethane	1.571	64	107989	52.257	ug/L	100
9) Trichlorofluoromethane	1.744	101	240199	49.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	131742	48.290	ug/L	100
12) 1,1-Dichloroethene	2.111	96	134357	52.538	ug/L	100
13) Acetone	2.153	43	116307	68.976	ug/L	100
14) Carbon disulfide	2.285	76	452855	62.807	ug/L	100
15) Methyl Acetate	2.420	43	139149	39.675	ug/L	100
16) Methylene chloride	2.497	84	168102	49.074	ug/L	100
17) trans-1,2-Dichloroethene	2.751	96	157430	52.477	ug/L	100
18) Methyl tert-butyl Ether	2.760	73	485978	47.228	ug/L	100
19) 1,1-Dichloroethane	3.178	63	269960	47.365	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	174140	49.739	ug/L	100
22) 2-Butanone	3.950	43	197406	80.592	ug/L	100
23) Bromochloromethane	4.236	128	89650	47.932	ug/L	100
25) Chloroform	4.362	83	283904	47.330	ug/L	100
27) 1,2-Dichloroethane	5.120	62	199560	47.359	ug/L	100
29) Cyclohexane	4.667	56	250320	53.753	ug/L	100
30) 1,1,1-Trichloroethane	4.596	97	250312	48.971	ug/L	100
31) Carbon tetrachloride	4.818	117	222143	50.114	ug/L	100
33) Benzene	5.088	78	655010	52.873	ug/L	100
34) Trichloroethene	5.905	95	163871	47.542	ug/L	100
35) Methylcyclohexane	6.124	83	279339	56.896	ug/L	100
37) 1,2-Dichloropropane	6.165	63	160478	49.258	ug/L	100
38) Bromodichloromethane	6.500	83	217121	49.001	ug/L	100
39) cis-1,3-Dichloropropene	7.017	75	263859	51.156	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	383437	84.426	ug/L	100
42) Toluene	7.378	91	709900	53.073	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	245455	49.845	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	164134	49.653	ug/L	100
46) Tetrachloroethene	7.966	164	132894	51.240	ug/L	100
48) 2-Hexanone	8.133	43	289831	82.942	ug/L	100
49) Dibromochloromethane	8.236	129	182141	48.611	ug/L	100
50) 1,2-Dibromoethane	8.342	107	168834	48.344	ug/L	100
51) Chlorobenzene	8.873	112	448669	50.648	ug/L	100
52) Ethylbenzene	9.005	91	756813	52.290	ug/L	100
53) m,p-Xylene	9.130	106	298702	52.856	ug/L	100
54) o-Xylene	9.535	106	295456	52.290	ug/L	100
55) Styrene	9.551	104	520921	54.658	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	264519	52.937	ug/L	100
59) Bromoform	9.722	173	142675	49.641	ug/L	100
60) Isopropylbenzene	9.921	105	773300	49.925	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	197917	45.438	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	678768	51.455	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	681693	50.930	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	370351	49.679	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	371903	49.563	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	375279	49.326	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	60008	51.218	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	294500	52.401	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	263060	55.107	ug/L	100
71) Naphthalene	13.493	128	598177	45.911	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	260411	55.030	ug/L	100

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

