

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027012.D
 Acq On : 14 Feb 2022 11:43
 Operator : JC/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD20064

Quant Time: Feb 15 05:01:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 04:56:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	135032	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	129144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	230517	192.324	ug/L	0.00
7) Chloroethane-d5	1.666	69	120139	156.213	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	442966	192.743	ug/L	0.00
21) 2-Butanone-d5	4.459	46	329703	396.009	ug/L	0.00
24) Chloroform-d	5.062	84	440779	195.827	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	277753	190.401	ug/L	0.00
32) Benzene-d6	5.983	84	885144	190.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	268431	194.243	ug/L	0.00
41) Toluene-d8	8.653	98	822808	193.302	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	139531	221.447	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	231374	387.270	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	298724	182.908	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	282415	193.516	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	279816	193.063	ug/L	100
3) Chloromethane	1.295	50	216443	189.762	ug/L	99
5) Vinyl chloride	1.380	62	221448	193.107	ug/L	99
6) Bromomethane	1.618	94	90093	184.688	ug/L	99
8) Chloroethane	1.691	64	116277	187.562	ug/L	96
9) Trichlorofluoromethane	1.892	101	305129	191.274	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	196694	191.253	ug/L	99
12) 1,1-Dichloroethene	2.325	96	182620	193.290	ug/L	91
13) Acetone	2.386	43	241035	344.003	ug/L	99
14) Carbon disulfide	2.520	76	550179	196.573	ug/L	99
15) Methyl Acetate	2.703	43	213183	196.955	ug/L	99
16) Methylene chloride	2.794	84	201547	194.696	ug/L	98
17) trans-1,2-Dichloroethene	3.099	96	196100	196.162	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	611610	199.357	ug/L	99
19) 1,1-Dichloroethane	3.617	63	350241	196.426	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	216600	197.449	ug/L	100
22) 2-Butanone	4.562	43	334598	372.831	ug/L	100
23) Bromochloromethane	4.904	128	111550	199.130	ug/L	99
25) Chloroform	5.099	83	367905	192.887	ug/L	98
27) 1,2-Dichloroethane	6.092	62	285316	193.395	ug/L	99
29) Cyclohexane	5.477	56	343532	194.023	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	331772	197.419	ug/L	99
31) Carbon tetrachloride	5.684	117	298253	200.064	ug/L	99
33) Benzene	6.044	78	799062	191.492	ug/L	100
34) Trichloroethene	7.129	95	231238	193.727	ug/L	99
35) Methylcyclohexane	7.385	83	351982	195.128	ug/L	100
37) 1,2-Dichloropropane	7.434	63	205111	195.440	ug/L	100
38) Bromodichloromethane	7.824	83	283897	201.525	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	335261	213.149	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	563232	377.548	ug/L	99
42) Toluene	8.720	91	863220	192.673	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	326458	220.843	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	199584	194.498	ug/L	99
46) Tetrachloroethene	9.275	164	171056	193.551	ug/L	98
48) 2-Hexanone	9.433	43	431787	357.505	ug/L	99
49) Dibromochloromethane	9.525	129	231081	205.341	ug/L	100
50) 1,2-Dibromoethane	9.610	107	216263	200.755	ug/L	100
51) Chlorobenzene	10.080	112	556288	193.901	ug/L	99
52) Ethylbenzene	10.195	91	944763	196.039	ug/L	99
53) m,p-Xylene	10.305	106	370624	195.069	ug/L	94
54) o-Xylene	10.647	106	349600	192.355	ug/L	97
55) Styrene	10.659	104	592899	192.625	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	246277	181.248	ug/L	99
59) Bromoform	10.799	173	153835	208.667	ug/L	100
60) Isopropylbenzene	10.964	105	925974	199.483	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	223795	183.648	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	647663	202.286	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	772487	198.664	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	400120	193.774	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	400857	192.912	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	386174	193.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	65429	221.105	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	289711	204.168	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	270536	215.950	ug/L	99
71) Naphthalene	13.780	128	902839	216.442	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	263404	210.287	ug/L	99

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

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