

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024422.D
 Acq On : 21 Jan 2022 13:20
 Operator : SY/MD
 Sample : VSTD05077
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050277

Quant Time: Jan 24 02:14:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 02:12:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	147062	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80695	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	44921	46.447	ug/L	0.00
7) Chloroethane-d5	1.571	69	25635	46.056	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	73834	47.672	ug/L	0.00
21) 2-Butanone-d5	3.892	46	47353	107.948	ug/L	0.00
24) Chloroform-d	4.349	84	100802	51.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	72882	50.472	ug/L	0.00
32) Benzene-d6	5.050	84	173537	53.880	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	40310	56.086	ug/L	0.00
41) Toluene-d8	7.314	98	178795	53.202	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	28219	51.428	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	33911	109.580	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55164	52.111	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	82286	49.726	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	69039	41.849	ug/L	100
3) Chloromethane	1.243	50	43258	43.281	ug/L	100
5) Vinyl chloride	1.314	62	50771	43.575	ug/L	100
6) Bromomethane	1.526	94	27758	43.849	ug/L	100
8) Chloroethane	1.587	64	21084	41.914	ug/L	100
9) Trichlorofluoromethane	1.757	101	96701	43.176	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	36136	45.191	ug/L	100
12) 1,1-Dichloroethene	2.121	96	34447	44.252	ug/L	100
13) Acetone	2.195	43	53957	99.266	ug/L	100
14) Carbon disulfide	2.298	76	120893	54.106	ug/L	100
15) Methyl Acetate	2.439	43	33138	57.365	ug/L	100
16) Methylene chloride	2.510	84	45197	50.563	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	46171	50.802	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	154591	50.130	ug/L	100
19) 1,1-Dichloroethane	3.192	63	70692	49.326	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	49867	47.996	ug/L	100
22) 2-Butanone	3.979	43	50038	93.714	ug/L	100
23) Bromochloromethane	4.246	128	28948	48.153	ug/L	100
25) Chloroform	4.375	83	91030	46.837	ug/L	100
27) 1,2-Dichloroethane	5.130	62	78986	46.008	ug/L	100
29) Cyclohexane	4.680	56	54545	50.394	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	99929	48.462	ug/L	100
31) Carbon tetrachloride	4.831	117	93819	46.462	ug/L	100
33) Benzene	5.101	78	168645	49.470	ug/L	100
34) Trichloroethene	5.915	95	51412	48.554	ug/L	100
35) Methylcyclohexane	6.130	83	69083	46.341	ug/L	100
37) 1,2-Dichloropropane	6.172	63	33331	52.790	ug/L	100
38) Bromodichloromethane	6.510	83	67210	48.600	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	66577	49.489	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	84221	100.384	ug/L	100
42) Toluene	7.387	91	201666	47.632	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	72841	48.252	ug/L	100

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45) 1,1,2-Trichloroethane	7.838	97	42379	49.676	ug/L	100
46) Tetrachloroethene	7.976	164	49943	46.571	ug/L	100
48) 2-Hexanone	8.140	43	68974	103.179	ug/L	100
49) Dibromochloromethane	8.243	129	58870	48.918	ug/L	100
50) 1,2-Dibromoethane	8.352	107	44146	48.144	ug/L	100
51) Chlorobenzene	8.879	112	136530	46.900	ug/L	100
52) Ethylbenzene	9.011	91	215448	46.902	ug/L	100
53) m,p-Xylene	9.137	106	91147	47.203	ug/L	100
54) o-Xylene	9.542	106	88008	47.303	ug/L	100
55) Styrene	9.558	104	151803	47.914	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	49868	47.157	ug/L	100
59) Bromoform	9.728	173	45022	50.226	ug/L	100
60) Isopropylbenzene	9.931	105	238501	49.780	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	46400	47.348	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	212335	47.442	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	216210	48.483	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	125420	46.514	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	124145	45.942	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	120865	46.241	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	15172	47.391	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	99094	45.685	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	88190	45.808	ug/L	100
71) Naphthalene	13.500	128	230012	46.518	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	83673	45.613	ug/L	100

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

