

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026881.D
 Acq On : 22 Jul 2022 11:16
 Operator : SY/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050233

Quant Time: Jul 22 23:52:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	560240	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	580737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	336712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	240504	51.932	ug/L	0.00
7) Chloroethane-d5	1.564	69	197044	50.294	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	429414	49.898	ug/L	0.00
21) 2-Butanone-d5	3.879	46	340302	136.558	ug/L	0.00
24) Chloroform-d	4.346	84	478615	53.434	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	274118	53.506	ug/L	0.00
32) Benzene-d6	5.047	84	935034	52.663	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	293183	52.226	ug/L	0.00
41) Toluene-d8	7.313	98	854148	54.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	123141	54.588	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	276328	134.175	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	449131	54.897	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	323558	49.076	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	279502	64.423	ug/L	100
3) Chloromethane	1.240	50	265239	52.470	ug/L	100
5) Vinyl chloride	1.307	62	286862	53.366	ug/L	100
6) Bromomethane	1.519	94	169299	50.371	ug/L	100
8) Chloroethane	1.580	64	169661	48.175	ug/L	100
9) Trichlorofluoromethane	1.748	101	389670	52.027	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	227589	51.862	ug/L	100
12) 1,1-Dichloroethene	2.114	96	214336	49.975	ug/L	100
13) Acetone	2.172	43	222859	124.004	ug/L	100
14) Carbon disulfide	2.288	76	608689	51.009	ug/L	100
15) Methyl Acetate	2.429	43	248300	65.813	ug/L	100
16) Methylene chloride	2.503	84	264311	51.915	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	226400	51.034	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	652278	52.251	ug/L	100
19) 1,1-Dichloroethane	3.185	63	423583	52.436	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	246265	51.811	ug/L	100
22) 2-Butanone	3.963	43	335394	137.866	ug/L	100
23) Bromochloromethane	4.243	128	138704	51.200	ug/L	100
25) Chloroform	4.371	83	448857	52.516	ug/L	100
27) 1,2-Dichloroethane	5.127	62	317370	54.576	ug/L	100
29) Cyclohexane	4.674	56	316370	51.591	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	381103	50.282	ug/L	100
31) Carbon tetrachloride	4.825	117	331908	51.925	ug/L	100
33) Benzene	5.095	78	975536	51.879	ug/L	100
34) Trichloroethene	5.911	95	236554	49.766	ug/L	100
35) Methylcyclohexane	6.130	83	368415	51.240	ug/L	100
37) 1,2-Dichloropropane	6.172	63	254936	51.655	ug/L	100
38) Bromodichloromethane	6.506	83	325980	51.568	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	335304	51.225	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	641339	124.822	ug/L	100
42) Toluene	7.384	91	1040161	52.870	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	343003	55.753	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	261146	52.280	ug/L	100
46) Tetrachloroethene	7.972	164	187561	49.107	ug/L	100
48) 2-Hexanone	8.136	43	525479	133.803	ug/L	100
49) Dibromochloromethane	8.243	129	270612	55.451	ug/L	100
50) 1,2-Dibromoethane	8.349	107	267816	52.756	ug/L	100
51) Chlorobenzene	8.879	112	661768	49.808	ug/L	100
52) Ethylbenzene	9.011	91	1046406	52.324	ug/L	100
53) m,p-Xylene	9.136	106	423726	53.938	ug/L	100
54) o-Xylene	9.542	106	396451	52.411	ug/L	100
55) Styrene	9.558	104	752284	56.530	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	426125	54.273	ug/L	100
59) Bromoform	9.728	173	183110	58.955	ug/L	100
60) Isopropylbenzene	9.931	105	1043516	51.256	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	333168	54.058	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	845044	51.234	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	867913	52.676	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	516614	49.815	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	529530	49.227	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	527126	49.890	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	87299	61.066	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	350838	49.217	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	291303	48.702	ug/L	100
71) Naphthalene	13.500	128	994524	56.414	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	330640	53.524	ug/L	100

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

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