

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025859.D
 Acq On : 10 May 2022 12:13
 Operator : SY/MD
 Sample : VSTD10016
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100216

Quant Time: May 11 03:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	251677	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	258937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	151152	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	402872	124.032	ug/L	0.00
7) Chloroethane-d5	1.571	69	351961	123.389	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	681270	119.924	ug/L	0.00
21) 2-Butanone-d5	3.886	46	360146	256.809	ug/L	0.00
24) Chloroform-d	4.349	84	565022	124.542	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	344116	125.504	ug/L	0.00
32) Benzene-d6	5.050	84	1163496	128.891	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	352481	127.134	ug/L	0.00
41) Toluene-d8	7.313	98	1100367	132.301	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	166938	134.885	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	284500	275.543	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	460251	124.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	413715	124.777	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	272533	104.735	ug/L	100
3) Chloromethane	1.243	50	321376	102.121	ug/L	99
5) Vinyl chloride	1.314	62	335581	104.887	ug/L	100
6) Bromomethane	1.526	94	201884	103.842	ug/L	99
8) Chloroethane	1.587	64	250415	104.803	ug/L	99
9) Trichlorofluoromethane	1.754	101	481587	105.918	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	255323	105.692	ug/L	99
12) 1,1-Dichloroethene	2.121	96	250549	105.452	ug/L	96
13) Acetone	2.182	43	187031	196.860	ug/L	99
14) Carbon disulfide	2.294	76	632924	107.697	ug/L	100
15) Methyl Acetate	2.436	43	205899	101.161	ug/L	100
16) Methylene chloride	2.510	84	238405	103.592	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	220880	108.205	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	661219	111.375	ug/L	99
19) 1,1-Dichloroethane	3.191	63	403802	105.908	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	244731	111.070	ug/L	100
22) 2-Butanone	3.969	43	280814	225.349	ug/L	97
23) Bromochloromethane	4.249	128	124490	106.966	ug/L	97
25) Chloroform	4.375	83	422819	104.651	ug/L	99
27) 1,2-Dichloroethane	5.130	62	326320	106.828	ug/L	100
29) Cyclohexane	4.680	56	364261	116.198	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	371690	105.695	ug/L	98
31) Carbon tetrachloride	4.828	117	314330	106.466	ug/L	100
33) Benzene	5.098	78	959803	110.085	ug/L	100
34) Trichloroethene	5.912	95	248001	108.751	ug/L	98
35) Methylcyclohexane	6.130	83	399979	117.110	ug/L	98
37) 1,2-Dichloropropane	6.172	63	242256	110.610	ug/L	99
38) Bromodichloromethane	6.506	83	321310	108.486	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	377456	120.852	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	572586	223.655	ug/L	99
42) Toluene	7.387	91	1054900	112.786	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	354158	117.864	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	234532	105.389	ug/L	97
46) Tetrachloroethene	7.973	164	182852	108.701	ug/L	97
48) 2-Hexanone	8.137	43	455354	228.595	ug/L	99
49) Dibromochloromethane	8.243	129	246808	112.436	ug/L	99
50) 1,2-Dibromoethane	8.349	107	243339	107.527	ug/L	97
51) Chlorobenzene	8.879	112	653074	109.040	ug/L	99
52) Ethylbenzene	9.011	91	1122996	116.378	ug/L	99
53) m,p-Xylene	9.136	106	441029	117.833	ug/L	97
54) o-Xylene	9.542	106	433392	117.877	ug/L	99
55) Styrene	9.558	104	766312	119.617	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	350459	105.548	ug/L	100
59) Bromoform	9.728	173	152620	104.671	ug/L	98
60) Isopropylbenzene	9.931	105	1144480	113.039	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	295121	98.643	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	610591	117.000	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	963009	118.933	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	517936	108.072	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	526851	104.900	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	529825	106.882	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	73503	106.351	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	365920	110.581	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	320131	113.610	ug/L	99
71) Naphthalene	13.500	128	991718	118.840	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	323398	112.625	ug/L	99

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

