

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024515.D
 Acq On : 02 Feb 2022 11:14
 Operator : SY/MD
 Sample : VSTD10004
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100204

Quant Time: Feb 03 05:22:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	371712	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	348270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	162795	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	269713	102.277	ug/L	0.00
7) Chloroethane-d5	1.568	69	234517	114.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	534373	106.806	ug/L	0.00
21) 2-Butanone-d5	3.886	46	379650	246.809	ug/L	0.00
24) Chloroform-d	4.346	84	503421	104.419	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	318706	99.697	ug/L	0.00
32) Benzene-d6	5.050	84	991990	108.230	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	318168	120.202	ug/L	0.00
41) Toluene-d8	7.314	98	913279	104.825	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	170929	114.912	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	293872	254.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	397889	109.603	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	310584	97.041	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	282023	96.845	ug/L	99
3) Chloromethane	1.243	50	276429	108.273	ug/L	99
5) Vinyl chloride	1.314	62	299084	111.114	ug/L	100
6) Bromomethane	1.523	94	182403	117.468	ug/L	97
8) Chloroethane	1.587	64	204754	121.963	ug/L	98
9) Trichlorofluoromethane	1.754	101	445585	95.381	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	232844	100.769	ug/L	99
12) 1,1-Dichloroethene	2.118	96	223690	100.462	ug/L	86
13) Acetone	2.182	43	386615	251.318	ug/L	100
14) Carbon disulfide	2.294	76	626799	97.355	ug/L	99
15) Methyl Acetate	2.433	43	256614	116.477	ug/L	100
16) Methylene chloride	2.507	84	247403	101.181	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	232118	101.060	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	817955	112.833	ug/L	99
19) 1,1-Dichloroethane	3.188	63	452460	115.339	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	264727	106.927	ug/L	100
22) 2-Butanone	3.970	43	466177	279.564	ug/L	99
23) Bromochloromethane	4.246	128	127088	92.471	ug/L	97
25) Chloroform	4.375	83	468312	104.562	ug/L	100
27) 1,2-Dichloroethane	5.127	62	370851	102.497	ug/L	100
29) Cyclohexane	4.677	56	408750	125.331	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	421480	99.399	ug/L	100
31) Carbon tetrachloride	4.828	117	352501	91.663	ug/L	99
33) Benzene	5.098	78	1005357	112.366	ug/L	100
34) Trichloroethene	5.912	95	278743	111.341	ug/L	99
35) Methylcyclohexane	6.130	83	426443	115.769	ug/L	99
37) 1,2-Dichloropropane	6.172	63	268262	122.885	ug/L	100
38) Bromodichloromethane	6.506	83	372773	112.109	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	452703	123.807	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	766050	263.220	ug/L	100
42) Toluene	7.384	91	1081106	108.424	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	443927	121.879	ug/L	98

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45) 1,1,2-Trichloroethane	7.838	97	253250	107.998	ug/L	100
46) Tetrachloroethene	7.973	164	170383	81.439	ug/L	99
48) 2-Hexanone	8.137	43	655027	276.694	ug/L	100
49) Dibromochloromethane	8.243	129	276003	96.940	ug/L	100
50) 1,2-Dibromoethane	8.349	107	269606	107.399	ug/L	99
51) Chlorobenzene	8.879	112	671815	101.223	ug/L	100
52) Ethylbenzene	9.011	91	1197631	111.552	ug/L	98
53) m,p-Xylene	9.137	106	453858	107.217	ug/L	98
54) o-Xylene	9.542	106	448620	110.327	ug/L	99
55) Styrene	9.558	104	780750	111.414	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	379554	110.656	ug/L	98
59) Bromoform	9.728	173	171956	95.452	ug/L	99
60) Isopropylbenzene	9.931	105	1191738	126.316	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	330817	128.424	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	1027296	127.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1033797	128.037	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	487365	105.087	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	491104	103.053	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	486134	102.263	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	95539	132.279	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	331734	95.896	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	301927	101.284	ug/L	99
71) Naphthalene	13.500	128	1098354	121.034	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	291372	95.792	ug/L	99

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

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