

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025982.D
 Acq On : 23 Dec 2021 19:23
 Operator : JC/MD
 Sample : VSTD01055
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010655

Quant Time: Dec 23 20:16:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 20:14:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	207629	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	14415	8.528	ug/L	0.00
7) Chloroethane-d5	1.672	69	11754	8.571	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	28255	9.450	ug/L	0.00
21) 2-Butanone-d5	4.465	46	24562	20.289	ug/L	0.00
24) Chloroform-d	5.068	84	28307	8.945	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	19095	9.252	ug/L	0.00
32) Benzene-d6	5.977	84	55333	9.295	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	17073	9.385	ug/L	0.00
41) Toluene-d8	8.653	98	50270	8.923	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6092	7.640	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	16823	20.233	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	23952	9.338	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	18038	8.880	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	21233	10.835	ug/L	98
3) Chloromethane	1.294	50	19791	10.454	ug/L	96
5) Vinyl chloride	1.374	62	19603	10.119	ug/L	98
6) Bromomethane	1.611	94	12002	9.196	ug/L	99
8) Chloroethane	1.691	64	11469	9.184	ug/L	100
9) Trichlorofluoromethane	1.892	101	28393	9.712	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	15159	10.400	ug/L	94
12) 1,1-Dichloroethene	2.325	96	13930	10.272	ug/L	93
13) Acetone	2.380	43	13859	15.301	ug/L	97
14) Carbon disulfide	2.514	76	36412	9.275	ug/L	97
15) Methyl Acetate	2.709	43	19083	10.762	ug/L #	90
16) Methylene chloride	2.794	84	16615	10.013	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	14965	9.679	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	47167	9.654	ug/L #	95
19) 1,1-Dichloroethane	3.617	63	27382	9.857	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	16387	9.447	ug/L	89
22) 2-Butanone	4.556	43	25828	19.217	ug/L	93
23) Bromochloromethane	4.910	128	8290	9.253	ug/L #	86
25) Chloroform	5.099	83	28821	9.578	ug/L	97
27) 1,2-Dichloroethane	6.098	62	24347	10.086	ug/L	95
29) Cyclohexane	5.477	56	25939	10.464	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	23380	9.490	ug/L	94
31) Carbon tetrachloride	5.684	117	20251	9.560	ug/L	99
33) Benzene	6.044	78	62880	10.047	ug/L	100
34) Trichloroethene	7.129	95	15739	9.682	ug/L	91
35) Methylcyclohexane	7.385	83	24987	9.954	ug/L	95
37) 1,2-Dichloropropane	7.434	63	16015	10.346	ug/L	98
38) Bromodichloromethane	7.824	83	19700	9.471	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	20664	9.069	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	51461	21.377	ug/L	94
42) Toluene	8.720	91	66182	9.782	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	18176	8.472	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	14913	9.422	ug/L	94
46) Tetrachloroethene	9.275	164	12083	9.599	ug/L	97
48) 2-Hexanone	9.433	43	39316	20.372	ug/L	93
49) Dibromochloromethane	9.525	129	14153	8.555	ug/L	98
50) 1,2-Dibromoethane	9.610	107	15504	9.252	ug/L	98
51) Chlorobenzene	10.079	112	40651	9.326	ug/L	90
52) Ethylbenzene	10.195	91	69936	9.588	ug/L	95
53) m,p-Xylene	10.305	106	26675	9.287	ug/L	97
54) o-Xylene	10.640	106	26594	9.536	ug/L	86
55) Styrene	10.659	104	43435	9.235	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	25256	10.101	ug/L	94
59) Bromoform	10.799	173	9135	8.528	ug/L	97
60) Isopropylbenzene	10.963	105	67617	9.631	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	19898	10.076	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	55653	9.447	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	54551	9.243	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	30278	9.463	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	30434	9.537	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	30488	9.663	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	4587	9.744	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.116	180	19729	9.430	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	16845	9.712	ug/L	98
71) Naphthalene	13.780	128	64520	10.818	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	18549	10.669	ug/L	97

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

