

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020821\
 Data File : VX020877.D
 Acq On : 08 Feb 2021 12:10
 Operator : JC/MD
 Sample : VSTD01035
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010405

Quant Time: Feb 08 12:57:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 08 12:56:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	453262	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	439957	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	206727	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	26070	7.63	ug/L	0.00
7) Chloroethane-d5	1.691	69	21449	7.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.343	63	48042	7.50	ug/L	0.00
21) 2-Butanone-d5	4.526	46	32174	14.90	ug/L	0.00
24) Chloroform-d	5.141	84	52465	8.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.025	65	35782	8.83	ug/L	0.00
32) Benzene-d6	6.037	84	107916	8.38	ug/L	-0.01
36) 1,2-Dichloropropane-d6	7.366	67	34330	8.63	ug/L	0.00
41) Toluene-d8	8.689	98	95801	8.20	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.988	79	16006	8.27	ug/L	0.00
47) 2-Hexanone-d5	9.421	63	21450	12.40	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	45443	8.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	36796	9.17	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	33231	7.87	ug/L	98
3) Chloromethane	1.313	50	26211	6.92	ug/L	100
5) Vinyl chloride	1.392	62	27171	6.81	ug/L	95
6) Bromomethane	1.630	94	16298	7.98	ug/L	95
8) Chloroethane	1.709	64	16688	6.97	ug/L	100
9) Trichlorofluoromethane	1.916	101	43505	8.37	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	24450	7.76	ug/L	99
12) 1,1-Dichloroethene	2.355	96	22169	7.23	ug/L	91
13) Acetone	2.416	43	20229	11.86	ug/L	96
14) Carbon disulfide	2.550	76	66385	6.75	ug/L	100
15) Methyl Acetate	2.745	43	23837	6.86	ug/L	100
16) Methylene chloride	2.831	84	29691	7.93	ug/L	98
17) trans-1,2-Dichloroethene	3.142	96	25328	7.53	ug/L	96
18) Methyl tert-butyl Ether	3.160	73	75063	7.33	ug/L	98
19) 1,1-Dichloroethane	3.666	63	46873	7.65	ug/L	99
20) cis-1,2-Dichloroethene	4.556	96	27806	7.55	ug/L	90
22) 2-Butanone	4.629	43	31910	12.48	ug/L	96
23) Bromochloromethane	4.977	128	15267	7.95	ug/L	82
25) Chloroform	5.166	83	56160	8.39	ug/L	96
27) 1,2-Dichloroethane	6.159	62	37749	7.67	ug/L	98
29) Cyclohexane	5.544	56	33687	6.47	ug/L	98
30) 1,1,1-Trichloroethane	5.458	97	45280	8.15	ug/L	97
31) Carbon tetrachloride	5.751	117	41004	8.65	ug/L	99
33) Benzene	6.104	78	103945	7.36	ug/L	100
34) Trichloroethene	7.184	95	28324	7.81	ug/L	97
35) Methylcyclohexane	7.434	83	36514	6.81	ug/L	99
37) 1,2-Dichloropropane	7.482	63	27892	7.75	ug/L	# 96
38) Bromodichloromethane	7.872	83	38511	8.23	ug/L	99
39) cis-1,3-Dichloropropene	8.415	75	37314	6.93	ug/L	100
40) 4-Methyl-2-pentanone	8.616	43	55915	12.15	ug/L	97
42) Toluene	8.763	91	108820	7.38	ug/L	98
44) trans-1,3-Dichloropropene	9.019	75	38168	7.25	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.189	97	28592	7.95	ug/L	97
46) Tetrachloroethene	9.317	164	21515	7.65	ug/L	95
48) 2-Hexanone	9.470	43	44082	12.05	ug/L	95
49) Dibromochloromethane	9.561	129	31344	8.34	ug/L	98
50) 1,2-Dibromoethane	9.647	107	28671	7.72	ug/L	98
51) Chlorobenzene	10.116	112	74516	7.89	ug/L	98
52) Ethylbenzene	10.232	91	115079	7.29	ug/L	99
53) m,p-Xylene	10.342	106	42547	7.20	ug/L	100
54) o-Xylene	10.683	106	40694	7.06	ug/L	96
55) Styrene	10.695	104	70078	7.18	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.250	83	42457	7.58	ug/L	95
59) Bromoform	10.835	173	22523	8.71	ug/L	98
60) Isopropylbenzene	11.000	105	109967	7.66	ug/L	98
61) 1,2,3-Trichloropropane	11.280	75	35469	8.07	ug/L	97
62) 1,3,5-Trimethylbenzene	11.488	105	83689	7.17	ug/L	100
63) 1,2,4-Trimethylbenzene	11.792	105	82217	6.95	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	54173	8.07	ug/L	95
65) 1,4-Dichlorobenzene	12.079	146	55332	8.17	ug/L	96
67) 1,2-Dichlorobenzene	12.372	146	55564	8.31	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.981	75	8444	7.64	ug/L	94
69) 1,3,5-Trichlorobenzene	13.152	180	35342	7.75	ug/L	98
70) 1,2,4-trichlorobenzene	13.628	180	27018	6.88	ug/L	99
71) Naphthalene	13.817	128	77507	6.01	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	29624	7.31	ug/L	97

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

