

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020923.D
 Acq On : 26 Feb 2021 11:44
 Operator : JC/MD
 Sample : VSTD10032
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100432

Quant Time: Feb 26 12:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 11:47:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	309433	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	270888	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	133582	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	220458	117.06	ug/L	0.00
7) Chloroethane-d5	1.681	69	184579	115.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.340	63	413854	114.08	ug/L	0.00
21) 2-Butanone-d5	4.535	46	284188	223.96	ug/L	0.00
24) Chloroform-d	5.141	84	423981	106.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.029	65	265179	102.88	ug/L	0.00
32) Benzene-d6	6.047	84	870245	117.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.370	67	269669	118.12	ug/L	0.00
41) Toluene-d8	8.694	98	780735	116.48	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	145037	126.49	ug/L	0.00
47) 2-Hexanone-d5	9.424	63	228344	254.03	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.230	84	342780	111.55	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	278912	105.72	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	231875	96.82	ug/L	99
3) Chloromethane	1.311	50	207832	100.30	ug/L	99
5) Vinyl chloride	1.393	62	250130	113.85	ug/L	99
6) Bromomethane	1.623	94	86251	72.00	ug/L	99
8) Chloroethane	1.705	64	154915	116.12	ug/L	100
9) Trichlorofluoromethane	1.911	101	319525	98.37	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	210597	111.29	ug/L	99
12) 1,1-Dichloroethene	2.352	96	211307	119.34	ug/L	93
13) Acetone	2.423	43	215992	244.81	ug/L	100
14) Carbon disulfide	2.546	76	587069	107.74	ug/L	99
15) Methyl Acetate	2.746	43	207780	108.43	ug/L	97
16) Methylene chloride	2.834	84	231390	102.98	ug/L	95
17) trans-1,2-Dichloroethene	3.140	96	219981	109.57	ug/L	98
18) Methyl tert-butyl Ether	3.170	73	736285	114.90	ug/L	99
19) 1,1-Dichloroethane	3.670	63	392079	106.22	ug/L	100
20) cis-1,2-Dichloroethene	4.564	96	252884	110.89	ug/L	89
22) 2-Butanone	4.635	43	313032	228.90	ug/L	99
23) Bromochloromethane	4.982	128	121289	102.42	ug/L	99
25) Chloroform	5.176	83	413405	100.14	ug/L	96
27) 1,2-Dichloroethane	6.158	62	306905	104.42	ug/L	98
29) Cyclohexane	5.547	56	352009	128.15	ug/L	97
30) 1,1,1-Trichloroethane	5.464	97	358941	110.04	ug/L	98
31) Carbon tetrachloride	5.758	117	298269	103.60	ug/L	99
33) Benzene	6.111	78	913261	118.73	ug/L	100
34) Trichloroethene	7.188	95	241183	116.48	ug/L	97
35) Methylcyclohexane	7.441	83	366559	124.09	ug/L	96
37) 1,2-Dichloropropane	7.488	63	226013	114.06	ug/L	98
38) Bromodichloromethane	7.876	83	320577	114.84	ug/L	98
39) cis-1,3-Dichloropropene	8.412	75	381737	124.30	ug/L	98
40) 4-Methyl-2-pentanone	8.618	43	574374	247.60	ug/L	98
42) Toluene	8.765	91	955705	118.30	ug/L	99
44) trans-1,3-Dichloropropene	9.024	75	368108	121.19	ug/L	99

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45) 1,1,2-Trichloroethane	9.194	97	224810	111.04	ug/L	97
46) Tetrachloroethene	9.318	164	179711	114.63	ug/L	94
48) 2-Hexanone	9.471	43	436478	244.81	ug/L	99
49) Dibromochloromethane	9.565	129	245956	108.17	ug/L	98
50) 1,2-Dibromoethane	9.653	107	237286	113.85	ug/L	98
51) Chlorobenzene	10.118	112	606635	111.91	ug/L	97
52) Ethylbenzene	10.235	91	1053171	118.25	ug/L	100
53) m,p-Xylene	10.341	106	383526	113.92	ug/L	95
54) o-Xylene	10.683	106	385199	118.23	ug/L	92
55) Styrene	10.694	104	690520	122.13	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.253	83	329321	109.93	ug/L	100
59) Bromoform	10.841	173	176959	102.52	ug/L	98
60) Isopropylbenzene	11.000	105	1016590	112.96	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	265605	102.74	ug/L	99
62) 1,3,5-Trimethylbenzene	11.489	105	821274	111.01	ug/L	94
63) 1,2,4-Trimethylbenzene	11.789	105	854929	115.94	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	421248	101.79	ug/L	98
65) 1,4-Dichlorobenzene	12.083	146	438336	103.11	ug/L	94
67) 1,2-Dichlorobenzene	12.377	146	437011	104.35	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.983	75	75384	111.98	ug/L	91
69) 1,3,5-Trichlorobenzene	13.153	180	309479	109.36	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	265062	107.86	ug/L	94
71) Naphthalene	13.818	128	1022794	128.42	ug/L	100
72) 1,2,3-Trichlorobenzene	14.001	180	279218	110.45	ug/L	98

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

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