

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020924.D
 Acq On : 26 Feb 2021 12:07
 Operator : JC/MD
 Sample : VSTD20033
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200433

Quant Time: Feb 26 12:29:26 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	292330	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	265443	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.065	152	128492	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	419616	235.86	ug/L	0.00
7) Chloroethane-d5	1.675	69	344434	228.38	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.340	63	800773	233.66	ug/L	0.00
21) 2-Butanone-d5	4.535	46	549638	458.50	ug/L	0.00
24) Chloroform-d	5.141	84	824341	219.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.029	65	514044	211.11	ug/L	0.00
32) Benzene-d6	6.047	84	1685973	232.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.370	67	518220	231.65	ug/L	0.00
41) Toluene-d8	8.700	98	1511169	230.09	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	280560	249.71	ug/L	0.00
47) 2-Hexanone-d5	9.429	63	450246	511.18	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.230	84	660699	219.42	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	549498	216.54	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	446385	197.29	ug/L	98
3) Chloromethane	1.311	50	406692	207.76	ug/L	99
5) Vinyl chloride	1.393	62	475675	229.17	ug/L	98
6) Bromomethane	1.623	94	155165	137.11	ug/L	96
8) Chloroethane	1.699	64	297311	235.90	ug/L	99
9) Trichlorofluoromethane	1.905	101	623271	203.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.358	101	418117	233.89	ug/L	98
12) 1,1-Dichloroethene	2.352	96	408898	244.45	ug/L	85
13) Acetone	2.423	43	378306	453.87	ug/L	100
14) Carbon disulfide	2.546	76	1147365	222.89	ug/L	99
15) Methyl Acetate	2.752	43	403188	222.71	ug/L	98
16) Methylene chloride	2.829	84	444706	209.49	ug/L	96
17) trans-1,2-Dichloroethene	3.140	96	427881	225.60	ug/L	99
18) Methyl tert-butyl Ether	3.170	73	1414973	233.73	ug/L	99
19) 1,1-Dichloroethane	3.664	63	764789	219.32	ug/L	99
20) cis-1,2-Dichloroethene	4.558	96	484718	224.98	ug/L	95
22) 2-Butanone	4.635	43	582895	451.18	ug/L	99
23) Bromochloromethane	4.982	128	238888	213.54	ug/L	90
25) Chloroform	5.176	83	801348	205.47	ug/L	98
27) 1,2-Dichloroethane	6.164	62	589836	212.43	ug/L	96
29) Cyclohexane	5.547	56	678590	252.12	ug/L	96
30) 1,1,1-Trichloroethane	5.458	97	693754	217.04	ug/L	98
31) Carbon tetrachloride	5.752	117	584212	207.09	ug/L	98
33) Benzene	6.111	78	1763053	233.92	ug/L	100
34) Trichloroethene	7.188	95	469174	231.24	ug/L	93
35) Methylcyclohexane	7.441	83	723847	250.07	ug/L	96
37) 1,2-Dichloropropane	7.488	63	440738	226.99	ug/L	98
38) Bromodichloromethane	7.876	83	617688	225.81	ug/L	97
39) cis-1,3-Dichloropropene	8.418	75	748563	248.75	ug/L	98
40) 4-Methyl-2-pentanone	8.623	43	1101508	484.57	ug/L	97
42) Toluene	8.765	91	1832976	231.54	ug/L	98
44) trans-1,3-Dichloropropene	9.023	75	717295	240.99	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.194	97	432106	217.82	ug/L	99
46) Tetrachloroethene	9.318	164	330371	215.05	ug/L	96
48) 2-Hexanone	9.476	43	832584	476.55	ug/L	99
49) Dibromochloromethane	9.565	129	476132	213.70	ug/L	97
50) 1,2-Dibromoethane	9.653	107	454488	222.53	ug/L	99
51) Chlorobenzene	10.118	112	1157800	217.96	ug/L	98
52) Ethylbenzene	10.235	91	2021426	231.62	ug/L	95
53) m,p-Xylene	10.341	106	779194	236.18	ug/L	99
54) o-Xylene	10.683	106	749755	234.85	ug/L	94
55) Styrene	10.694	104	1318097	237.92	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.253	83	640417	218.17	ug/L	100
59) Bromoform	10.841	173	331374	199.59	ug/L	98
60) Isopropylbenzene	11.000	105	1937299	223.80	ug/L	100
61) 1,2,3-Trichloropropane	11.277	75	514452	206.89	ug/L	99
62) 1,3,5-Trimethylbenzene	11.489	105	1630116	229.08	ug/L	95
63) 1,2,4-Trimethylbenzene	11.789	105	1650499	232.70	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	882778	221.77	ug/L	93
65) 1,4-Dichlorobenzene	12.083	146	864087	211.32	ug/L	94
67) 1,2-Dichlorobenzene	12.377	146	837284	207.85	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	151323	233.70	ug/L	88
69) 1,3,5-Trichlorobenzene	13.153	180	608675	223.60	ug/L	98
70) 1,2,4-trichlorobenzene	13.630	180	556560	235.46	ug/L	100
71) Naphthalene	13.818	128	2038209	266.04	ug/L	100
72) 1,2,3-Trichlorobenzene	14.001	180	547100	225.00	ug/L	98

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

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