

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020821\
 Data File : VX020880.D
 Acq On : 08 Feb 2021 13:20
 Operator : JC/MD
 Sample : VSTD20032
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200402

Quant Time: Feb 08 13:47:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 08 13:35:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.830	114	488519	50.00 ug/L	0.00
28) Chlorobenzene-d5	10.098	117	480119	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	239844	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.386	65	583666	158.51 ug/L	0.00
7) Chloroethane-d5	1.672	69	492579	170.30 ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.337	63	1149909	166.56 ug/L	0.00
21) 2-Butanone-d5	4.532	46	855291	367.49 ug/L	0.00
24) Chloroform-d	5.135	84	1316925	198.23 ug/L	0.00
26) 1,2-Dichloroethane-d4	6.031	65	808859	185.12 ug/L	0.00
32) Benzene-d6	6.044	84	2572433	183.03 ug/L	0.00
36) 1,2-Dichloropropane-d6	7.367	67	781546	179.94 ug/L	0.00
41) Toluene-d8	8.696	98	2396127	188.03 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	425442	201.38 ug/L	0.00
47) 2-Hexanone-d5	9.427	63	730490	386.95 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	1084302	180.34 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.360	152	946719	203.28 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.185	85	758706	166.75 ug/L	100
3) Chloromethane	1.313	50	666675	163.19 ug/L	98
5) Vinyl chloride	1.392	62	691192	160.84 ug/L	99
6) Bromomethane	1.618	94	326325	148.23 ug/L	98
8) Chloroethane	1.697	64	410004	158.90 ug/L	100
9) Trichlorofluoromethane	1.904	101	1025333	182.94 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	574047	169.00 ug/L	99
12) 1,1-Dichloroethene	2.349	96	543239	164.47 ug/L	96
13) Acetone	2.422	43	538264	292.76 ug/L	98
14) Carbon disulfide	2.544	76	1648722	155.65 ug/L	99
15) Methyl Acetate	2.745	43	607476	162.12 ug/L	99
16) Methylene chloride	2.831	84	681056	168.82 ug/L	96
17) trans-1,2-Dichloroethene	3.136	96	628252	173.41 ug/L	99
18) Methyl tert-butyl Ether	3.166	73	2099081	190.26 ug/L	97
19) 1,1-Dichloroethane	3.666	63	1156131	175.17 ug/L	99
20) cis-1,2-Dichloroethene	4.556	96	728450	183.61 ug/L	97
22) 2-Butanone	4.635	43	874286	317.21 ug/L	100
23) Bromochloromethane	4.983	128	369822	178.76 ug/L	93
25) Chloroform	5.172	83	1252587	173.71 ug/L	98
27) 1,2-Dichloroethane	6.159	62	918421	173.13 ug/L	100
29) Cyclohexane	5.544	56	988055	173.93 ug/L	97
30) 1,1,1-Trichloroethane	5.458	97	1132340	186.72 ug/L	97
31) Carbon tetrachloride	5.751	117	1011347	195.56 ug/L	99
33) Benzene	6.111	78	2630967	170.81 ug/L	100
34) Trichloroethene	7.184	95	700965	177.18 ug/L	95
35) Methylcyclohexane	7.440	83	1064036	181.94 ug/L	97
37) 1,2-Dichloropropane	7.489	63	676551	172.31 ug/L	99
38) Bromodichloromethane	7.873	83	962491	188.57 ug/L	100
39) cis-1,3-Dichloropropene	8.415	75	1135662	193.14 ug/L	98
40) 4-Methyl-2-pentanone	8.622	43	1759788	350.34 ug/L	97
42) Toluene	8.763	91	2837783	176.46 ug/L	98
44) trans-1,3-Dichloropropene	9.019	75	1132388	197.13 ug/L	99

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45) 1,1,2-Trichloroethane	9.196	97	694467	176.90	ug/L	99
46) Tetrachloroethene	9.317	164	558754	182.16	ug/L	96
48) 2-Hexanone	9.476	43	1338579	335.42	ug/L	99
49) Dibromochloromethane	9.567	129	834637	203.55	ug/L	99
50) 1,2-Dibromoethane	9.653	107	727638	179.49	ug/L	100
51) Chlorobenzene	10.122	112	1902297	184.67	ug/L	97
52) Ethylbenzene	10.232	91	3258493	189.09	ug/L	98
53) m,p-Xylene	10.342	106	1264800	196.14	ug/L	98
54) o-Xylene	10.683	106	1237273	196.67	ug/L	96
55) Styrene	10.695	104	2171827	203.88	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.250	83	1032871	169.09	ug/L	99
59) Bromoform	10.842	173	641545	213.80	ug/L	98
60) Isopropylbenzene	11.000	105	3333194	200.25	ug/L	99
61) 1,2,3-Trichloropropane	11.281	75	870864	170.82	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	2881410	212.80	ug/L	98
63) 1,2,4-Trimethylbenzene	11.793	105	2913622	212.24	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	1506011	193.35	ug/L	96
65) 1,4-Dichlorobenzene	12.079	146	1503685	191.39	ug/L	98
67) 1,2-Dichlorobenzene	12.378	146	1471271	189.57	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.981	75	248292	193.72	ug/L	93
69) 1,3,5-Trichlorobenzene	13.152	180	1067786	201.82	ug/L	96
70) 1,2,4-trichlorobenzene	13.628	180	995427	218.36	ug/L	96
71) Naphthalene	13.817	128	3341418	223.50	ug/L	99
72) 1,2,3-Trichlorobenzene	14.000	180	988503	210.16	ug/L	99

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

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