

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020519.D
 Acq On : 06 Jan 2021 14:49
 Operator : JC/MD
 Sample : VSTD20031
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200401

Quant Time: Jan 06 15:09:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 15:06:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	351901	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.098	117	343954	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	190371	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	609862	246.16	ug/L	0.00
7) Chloroethane-d5	1.672	69	442450	232.28	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.337	63	1108387	225.31	ug/L	0.00
21) 2-Butanone-d5	4.532	46	768286	484.09	ug/L	0.00
24) Chloroform-d	5.135	84	1078451	234.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.031	65	669148	197.97	ug/L	0.00
32) Benzene-d6	6.043	84	2188891	234.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.366	67	683051	235.58	ug/L	0.00
41) Toluene-d8	8.695	98	2003653	221.46	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	361277	224.97	ug/L	0.00
47) 2-Hexanone-d5	9.427	63	708396	585.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	992251	254.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.359	152	745136	198.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	678607	217.98	ug/L	99
3) Chloromethane	1.313	50	620662	251.78	ug/L	99
5) Vinyl chloride	1.392	62	664145	244.53	ug/L	99
6) Bromomethane	1.617	94	232567	160.45	ug/L	98
8) Chloroethane	1.697	64	386533	242.92	ug/L	97
9) Trichlorofluoromethane	1.904	101	819059	190.63	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.355	101	517956	214.98	ug/L	100
12) 1,1-Dichloroethene	2.349	96	520084	228.37	ug/L	99
13) Acetone	2.422	43	525923	438.95	ug/L	99
14) Carbon disulfide	2.544	76	1640665	236.22	ug/L	99
15) Methyl Acetate	2.745	43	570290	229.14	ug/L	99
16) Methylene chloride	2.831	84	586172	231.76	ug/L	99
17) trans-1,2-Dichloroethene	3.135	96	551873	230.28	ug/L	97
18) Methyl tert-butyl Ether	3.166	73	1743649	229.39	ug/L	99
19) 1,1-Dichloroethane	3.666	63	985689	222.77	ug/L	100
20) cis-1,2-Dichloroethene	4.556	96	615205	233.47	ug/L	99
22) 2-Butanone	4.635	43	842843	468.66	ug/L	98
23) Bromochloromethane	4.977	128	304134	214.40	ug/L	99
25) Chloroform	5.172	83	1033598	209.73	ug/L	99
27) 1,2-Dichloroethane	6.159	62	781454	202.41	ug/L	99
29) Cyclohexane	5.544	56	925699	240.48	ug/L	99
30) 1,1,1-Trichloroethane	5.464	97	902491	198.11	ug/L	99
31) Carbon tetrachloride	5.751	117	773609	190.60	ug/L	99
33) Benzene	6.111	78	2299615	231.43	ug/L	100
34) Trichloroethene	7.184	95	592335	218.08	ug/L	98
35) Methylcyclohexane	7.440	83	945679	237.31	ug/L	99
37) 1,2-Dichloropropane	7.488	63	582779	223.50	ug/L	100
38) Bromodichloromethane	7.872	83	779379	213.65	ug/L	98
39) cis-1,3-Dichloropropene	8.415	75	955386	230.29	ug/L	100
40) 4-Methyl-2-pentanone	8.622	43	1649646	477.45	ug/L	99
42) Toluene	8.763	91	2461598	230.98	ug/L	97
44) trans-1,3-Dichloropropene	9.019	75	942120	224.33	ug/L	99

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45) 1,1,2-Trichloroethane	9.195	97	582993	232.92	ug/L	99
46) Tetrachloroethene	9.317	164	468141	212.90	ug/L	98
48) 2-Hexanone	9.476	43	1357342	501.67	ug/L	99
49) Dibromochloromethane	9.567	129	643211	211.41	ug/L	96
50) 1,2-Dibromoethane	9.653	107	628259	229.92	ug/L	96
51) Chlorobenzene	10.122	112	1528562	217.61	ug/L	99
52) Ethylbenzene	10.232	91	2701157	228.94	ug/L	96
53) m,p-Xylene	10.342	106	1054487	236.72	ug/L	98
54) o-Xylene	10.683	106	1032767	241.69	ug/L	94
55) Styrene	10.695	104	1811738	245.31	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.250	83	963267	247.86	ug/L	98
59) Bromoform	10.841	173	507327	205.67	ug/L	100
60) Isopropylbenzene	11.000	105	2707247	218.23	ug/L	100
61) 1,2,3-Trichloropropane	11.280	75	792655	222.05	ug/L	99
62) 1,3,5-Trimethylbenzene	11.494	105	2375053	230.98	ug/L	97
63) 1,2,4-Trimethylbenzene	11.792	105	2406458	231.31	ug/L	100
64) 1,3-Dichlorobenzene	12.012	146	1260916	208.69	ug/L	99
65) 1,4-Dichlorobenzene	12.079	146	1261691	206.79	ug/L	100
67) 1,2-Dichlorobenzene	12.378	146	1161792	197.44	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.981	75	203596	199.13	ug/L	90
69) 1,3,5-Trichlorobenzene	13.152	180	872507	213.02	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	812896	219.40	ug/L	100
71) Naphthalene	13.816	128	2678435	228.61	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	808594	218.04	ug/L	99

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

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