

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020518.D
 Acq On : 06 Jan 2021 14:25
 Operator : JC/MD
 Sample : VSTD10036
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100406

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 10:10:56 AM

Quant Time: Jan 06 15:07:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.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	352452	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	345093	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	176635	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	308804	124.45	ug/L	0.00
7) Chloroethane-d5	1.679	69	240758	126.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.337	63	568865	115.46	ug/L	0.00
21) 2-Butanone-d5	4.526	46	373170	234.76	ug/L	0.00
24) Chloroform-d	5.135	84	538853	116.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.031	65	342223	101.09	ug/L	0.00
32) Benzene-d6	6.050	84	1125848	120.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.367	67	344061	118.27	ug/L	0.00
41) Toluene-d8	8.696	98	1045848	115.22	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.994	79	180912	112.28	ug/L	0.00
47) 2-Hexanone-d5	9.427	63	335117	275.90	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.232	84	481954	123.16	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.360	152	380751	109.57	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	345186	110.71	ug/L	99
3) Chloromethane	1.313	50	308490	124.95	ug/L	99
5) Vinyl chloride	1.392	62	330479	121.49	ug/L	99
6) Bromomethane	1.624	94	123077	84.78	ug/L	99
8) Chloroethane	1.703	64	195697	122.79	ug/L	99
9) Trichlorofluoromethane	1.910	101	413465	96.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	255214	105.76	ug/L	97
12) 1,1-Dichloroethene	2.349	96	253593m	111.18	ug/L	
13) Acetone	2.416	43	268150	223.45	ug/L	99
14) Carbon disulfide	2.544	76	815492	117.23	ug/L	99
15) Methyl Acetate	2.745	43	283817	113.86	ug/L	100
16) Methylene chloride	2.831	84	295668	116.72	ug/L	99
17) trans-1,2-Dichloroethene	3.142	96	272402	113.49	ug/L	98
18) Methyl tert-butyl Ether	3.166	73	859095	112.84	ug/L	100
19) 1,1-Dichloroethane	3.666	63	494384	111.56	ug/L	99
20) cis-1,2-Dichloroethene	4.562	96	304848	115.51	ug/L	99
22) 2-Butanone	4.629	43	427413	237.29	ug/L	98
23) Bromochloromethane	4.977	128	153067	107.74	ug/L	97
25) Chloroform	5.172	83	527670	106.90	ug/L	98
27) 1,2-Dichloroethane	6.159	62	396909	102.64	ug/L	99
29) Cyclohexane	5.544	56	455775	118.01	ug/L	100
30) 1,1,1-Trichloroethane	5.458	97	451778	98.84	ug/L	99
31) Carbon tetrachloride	5.751	117	386829	94.99	ug/L	99
33) Benzene	6.111	78	1161667	116.52	ug/L	100
34) Trichloroethene	7.184	95	293627	107.75	ug/L	98
35) Methylcyclohexane	7.440	83	468709	117.23	ug/L	99
37) 1,2-Dichloropropane	7.489	63	288966	110.45	ug/L	100
38) Bromodichloromethane	7.873	83	384349	105.01	ug/L	99
39) cis-1,3-Dichloropropene	8.415	75	473475	113.75	ug/L	100
40) 4-Methyl-2-pentanone	8.622	43	826450	238.41	ug/L	100
42) Toluene	8.763	91	1263337	118.15	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	465872	110.56	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.195	97	293390	116.83	ug/L	98
46) Tetrachloroethene	9.317	164	232540	105.40	ug/L	98
48) 2-Hexanone	9.470	43	653166	240.61	ug/L	100
49) Dibromochloromethane	9.561	129	317291	103.94	ug/L	98
50) 1,2-Dibromoethane	9.653	107	309346	112.83	ug/L	98
51) Chlorobenzene	10.122	112	785114	111.40	ug/L	99
52) Ethylbenzene	10.232	91	1389928	117.42	ug/L	99
53) m,p-Xylene	10.342	106	508601	113.80	ug/L	99
54) o-Xylene	10.683	106	499395	116.48	ug/L	94
55) Styrene	10.695	104	863383	116.51	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.250	83	465662	119.42	ug/L	99
59) Bromoform	10.842	173	228461	99.82	ug/L	99
60) Isopropylbenzene	11.000	105	1318603	114.56	ug/L	100
61) 1,2,3-Trichloropropane	11.281	75	379355	114.53	ug/L	100
62) 1,3,5-Trimethylbenzene	11.488	105	1138990	119.39	ug/L	99
63) 1,2,4-Trimethylbenzene	11.793	105	1154133	119.56	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	610714	108.94	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	593626	104.86	ug/L	99
67) 1,2-Dichlorobenzene	12.372	146	611154	111.94	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.981	75	103539	109.14	ug/L	98
69) 1,3,5-Trichlorobenzene	13.152	180	424643	111.74	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	372194	108.27	ug/L	98
71) Naphthalene	13.817	128	1319738	121.40	ug/L	99
72) 1,2,3-Trichlorobenzene	14.000	180	383565	111.47	ug/L	100

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

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