

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020526.D
 Acq On : 07 Jan 2021 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050408

Quant Time: Jan 08 00:51:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 17:45:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	346189	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	341665	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	170515	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	149740	53.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.68%
7) Chloroethane-d5	1.685	69	120825	55.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.16%
11) 1,1-Dichloroethene-d2	2.343	63	279931	53.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.78%
21) 2-Butanone-d5	4.526	46	174720	102.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.52%
24) Chloroform-d	5.135	84	270430	56.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.02%
26) 1,2-Dichloroethane-d4	6.025	65	172248	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.70%
32) Benzene-d6	6.044	84	562915	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.54%
36) 1,2-Dichloropropane-d6	7.366	67	172328	54.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.44%
41) Toluene-d8	8.689	98	503531	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%
43) trans-1,3-Dichloroprop...	8.988	79	83058	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.44%
47) 2-Hexanone-d5	9.421	63	138429	98.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.62%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	230905	52.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.62%
66) 1,2-Dichlorobenzene-d4	12.359	152	186271	55.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.46%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	172942	51.32	ug/L	100
3) Chloromethane	1.313	50	147808	48.73	ug/L	100
5) Vinyl chloride	1.392	62	162919	50.56	ug/L	100
6) Bromomethane	1.624	94	88447	54.26	ug/L	99
8) Chloroethane	1.709	64	95485	49.47	ug/L	99
9) Trichlorofluoromethane	1.916	101	217007	53.48	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	124380	49.30	ug/L	100
12) 1,1-Dichloroethene	2.355	96	123999	50.27	ug/L	98
13) Acetone	2.416	43	136089	97.43	ug/L	98
14) Carbon disulfide	2.550	76	395659	49.99	ug/L	98
15) Methyl Acetate	2.745	43	130380	46.88	ug/L	100
16) Methylene chloride	2.831	84	146363	49.63	ug/L	97
17) trans-1,2-Dichloroethene	3.136	96	133146	50.15	ug/L	97
18) Methyl tert-butyl Ether	3.166	73	405319	50.52	ug/L	100
19) 1,1-Dichloroethane	3.666	63	242197	50.43	ug/L	100
20) cis-1,2-Dichloroethene	4.556	96	143206	49.32	ug/L	97
22) 2-Butanone	4.629	43	191896	92.95	ug/L	98
23) Bromochloromethane	4.977	128	75283	50.15	ug/L	95
25) Chloroform	5.166	83	259725	49.54	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.153	62	194033	50.19	ug/L	100
29) Cyclohexane	5.544	56	211297	50.16	ug/L	100
30) 1,1,1-Trichloroethane	5.452	97	219165	50.19	ug/L	99
31) Carbon tetrachloride	5.751	117	189710	51.38	ug/L	99
33) Benzene	6.105	78	567081	50.22	ug/L	100
34) Trichloroethene	7.184	95	143011	49.73	ug/L	99
35) Methylcyclohexane	7.434	83	224269	51.87	ug/L	100
37) 1,2-Dichloropropane	7.482	63	142021	49.58	ug/L	99
38) Bromodichloromethane	7.872	83	185240	50.36	ug/L	98
39) cis-1,3-Dichloropropene	8.409	75	214954	49.90	ug/L	97
40) 4-Methyl-2-pentanone	8.616	43	355864	94.56	ug/L	99
42) Toluene	8.763	91	596658	50.43	ug/L	100
44) trans-1,3-Dichloropropene	9.019	75	211760	50.35	ug/L	99
45) 1,1,2-Trichloroethane	9.195	97	139819	49.32	ug/L	98
46) Tetrachloroethene	9.317	164	110415	49.53	ug/L	98
48) 2-Hexanone	9.470	43	281463	94.64	ug/L	98
49) Dibromochloromethane	9.561	129	147458	50.73	ug/L	99
50) 1,2-Dibromoethane	9.653	107	143417	48.83	ug/L	98
51) Chlorobenzene	10.116	112	366435	48.92	ug/L	98
52) Ethylbenzene	10.232	91	640445	50.63	ug/L	100
53) m,p-Xylene	10.342	106	245985	52.05	ug/L	100
54) o-Xylene	10.683	106	235540	51.35	ug/L	98
55) Styrene	10.695	104	413498	53.25	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.250	83	212899	47.32	ug/L	97
59) Bromoform	10.841	173	104070	48.86	ug/L	100
60) Isopropylbenzene	11.000	105	616272	51.26	ug/L	99
61) 1,2,3-Trichloropropane	11.274	75	174426	46.89	ug/L	100
62) 1,3,5-Trimethylbenzene	11.488	105	513751	52.39	ug/L	98
63) 1,2,4-Trimethylbenzene	11.793	105	522132	52.75	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	281297	50.15	ug/L	94
65) 1,4-Dichlorobenzene	12.079	146	282521	49.85	ug/L	97
67) 1,2-Dichlorobenzene	12.372	146	282689	50.55	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.981	75	45841	48.72	ug/L	95
69) 1,3,5-Trichlorobenzene	13.152	180	206235	53.56	ug/L	98
70) 1,2,4-trichlorobenzene	13.628	180	173770	52.41	ug/L	98
71) Naphthalene	13.817	128	596191	54.43	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	183254	53.73	ug/L	99

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

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