

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030121\
 Data File : VX020932.D
 Acq On : 01 Mar 2021 09:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050441

Quant Time: Mar 01 15:59:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	315033	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	284308	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	130794	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	105846	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.693	69	92352	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.346	63	200948	50.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.48%
21) 2-Butanone-d5	4.523	46	142878	110.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.61%
24) Chloroform-d	5.135	84	218305	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.12%
26) 1,2-Dichloroethane-d4	6.023	65	133815	52.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.60%
32) Benzene-d6	6.047	84	437789	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	7.364	67	136641	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.38%
41) Toluene-d8	8.694	98	393648	52.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.26%
43) trans-1,3-Dichloroprop...	8.988	79	72164	53.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.84%
47) 2-Hexanone-d5	9.424	63	108926	103.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.52%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	163810	50.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.76%
66) 1,2-Dichlorobenzene-d4	12.359	152	134854	53.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.72%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	114275	48.19	ug/L	100
3) Chloromethane	1.311	50	107987	50.79	ug/L	99
5) Vinyl chloride	1.393	62	120858	48.15	ug/L	99
6) Bromomethane	1.628	94	67087	56.45	ug/L	95
8) Chloroethane	1.711	64	75855	48.32	ug/L	99
9) Trichlorofluoromethane	1.917	101	157797	48.18	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	108006	49.79	ug/L	97
12) 1,1-Dichloroethene	2.358	96	101903	48.29	ug/L	88
13) Acetone	2.417	43	116739	106.31	ug/L	100
14) Carbon disulfide	2.552	76	295036	48.21	ug/L	99
15) Methyl Acetate	2.746	43	93368	45.11	ug/L	98
16) Methylene chloride	2.834	84	113624	48.24	ug/L	94
17) trans-1,2-Dichloroethene	3.140	96	106146	46.94	ug/L	97
18) Methyl tert-butyl Ether	3.164	73	348441	47.01	ug/L	99
19) 1,1-Dichloroethane	3.664	63	189664	47.92	ug/L	100
20) cis-1,2-Dichloroethene	4.558	96	121611	48.19	ug/L	91
22) 2-Butanone	4.623	43	154669	99.23	ug/L	99
23) Bromochloromethane	4.976	128	60407	48.25	ug/L	90
25) Chloroform	5.170	83	195493	46.24	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.158	62	144616	46.53	ug/L	97
29) Cyclohexane	5.547	56	171848	47.70	ug/L	98
30) 1,1,1-Trichloroethane	5.452	97	168956	46.32	ug/L	99
31) Carbon tetrachloride	5.747	117	141285	46.73	ug/L	98
33) Benzene	6.106	78	441124	47.43	ug/L	100
34) Trichloroethene	7.182	95	118066	47.74	ug/L	97
35) Methylcyclohexane	7.435	83	184742	48.78	ug/L	96
37) 1,2-Dichloropropane	7.482	63	109092	46.83	ug/L	98
38) Bromodichloromethane	7.870	83	152215	47.08	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	184192	48.27	ug/L	99
40) 4-Methyl-2-pentanone	8.618	43	261208	91.65	ug/L	98
42) Toluene	8.759	91	468529	48.38	ug/L	99
44) trans-1,3-Dichloropropene	9.018	75	175265	48.08	ug/L	98
45) 1,1,2-Trichloroethane	9.194	97	112775	48.72	ug/L	93
46) Tetrachloroethene	9.312	164	84041	47.54	ug/L	97
48) 2-Hexanone	9.471	43	204921	94.28	ug/L	99
49) Dibromochloromethane	9.559	129	118578	48.50	ug/L	95
50) 1,2-Dibromoethane	9.653	107	111582	46.33	ug/L	97
51) Chlorobenzene	10.118	112	288243	47.09	ug/L	98
52) Ethylbenzene	10.230	91	515418	48.43	ug/L	98
53) m,p-Xylene	10.341	106	189743	47.27	ug/L	99
54) o-Xylene	10.683	106	183128	46.81	ug/L	94
55) Styrene	10.694	104	321498	47.27	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.247	83	145598	43.87	ug/L	98
59) Bromoform	10.836	173	77022	46.66	ug/L	98
60) Isopropylbenzene	11.000	105	497684	49.61	ug/L	98
61) 1,2,3-Trichloropropane	11.277	75	121416	46.25	ug/L	99
62) 1,3,5-Trimethylbenzene	11.489	105	407945	49.69	ug/L	96
63) 1,2,4-Trimethylbenzene	11.789	105	400614	48.48	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	209263	48.78	ug/L	93
65) 1,4-Dichlorobenzene	12.083	146	206224	47.99	ug/L	98
67) 1,2-Dichlorobenzene	12.377	146	203841	48.11	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	32463	44.93	ug/L	92
69) 1,3,5-Trichlorobenzene	13.153	180	145859	49.95	ug/L	99
70) 1,2,4-trichlorobenzene	13.630	180	137338	53.19	ug/L	98
71) Naphthalene	13.818	128	456859	48.82	ug/L	100
72) 1,2,3-Trichlorobenzene	14.001	180	127084	48.41	ug/L	99

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

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