

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010821\
 Data File : VX020533.D
 Acq On : 08 Jan 2021 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050410

Quant Time: Jan 09 04:10:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	333510	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	329861	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	164122	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	134735	50.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.56%
7) Chloroethane-d5	1.691	69	110987	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.343	63	253175	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.18%
21) 2-Butanone-d5	4.526	46	175534	106.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.92%
24) Chloroform-d	5.135	84	266970	57.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	6.025	65	164347	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.66%
32) Benzene-d6	6.044	84	523861	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	7.366	67	162249	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.76%
41) Toluene-d8	8.689	98	465012	51.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.40%
43) trans-1,3-Dichloroprop...	8.988	79	76980	51.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.14%
47) 2-Hexanone-d5	9.421	63	134011	98.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.89%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	217715	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
66) 1,2-Dichlorobenzene-d4	12.360	152	168222	52.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.58%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	164555	50.68	ug/L	100
3) Chloromethane	1.313	50	144713	49.52	ug/L	97
5) Vinyl chloride	1.392	62	154198	49.67	ug/L	99
6) Bromomethane	1.636	94	77765	49.52	ug/L	99
8) Chloroethane	1.709	64	92822	49.92	ug/L	100
9) Trichlorofluoromethane	1.916	101	209561	53.61	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	130666	53.76	ug/L	99
12) 1,1-Dichloroethene	2.355	96	123413	51.94	ug/L	98
13) Acetone	2.422	43	122055	90.70	ug/L	100
14) Carbon disulfide	2.550	76	377880	49.56	ug/L	99
15) Methyl Acetate	2.745	43	127223	47.48	ug/L	99
16) Methylene chloride	2.831	84	140657	49.51	ug/L	97
17) trans-1,2-Dichloroethene	3.142	96	127579	49.88	ug/L	96
18) Methyl tert-butyl Ether	3.160	73	390218	50.48	ug/L	100
19) 1,1-Dichloroethane	3.666	63	234624	50.71	ug/L	100
20) cis-1,2-Dichloroethene	4.556	96	138961	49.68	ug/L	97
22) 2-Butanone	4.629	43	184343	92.69	ug/L	97
23) Bromochloromethane	4.977	128	72265	49.97	ug/L	97
25) Chloroform	5.172	83	246058	48.72	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.153	62	188469	50.61	ug/L	100
29) Cyclohexane	5.544	56	204183	50.20	ug/L	100
30) 1,1,1-Trichloroethane	5.458	97	212823	50.48	ug/L	99
31) Carbon tetrachloride	5.751	117	182666	51.24	ug/L	98
33) Benzene	6.105	78	546860	50.16	ug/L	100
34) Trichloroethene	7.184	95	137921	49.67	ug/L	97
35) Methylcyclohexane	7.434	83	217657	52.15	ug/L	99
37) 1,2-Dichloropropane	7.482	63	139076	50.29	ug/L	100
38) Bromodichloromethane	7.872	83	179839	50.64	ug/L	99
39) cis-1,3-Dichloropropene	8.409	75	207198	49.82	ug/L	99
40) 4-Methyl-2-pentanone	8.616	43	342304	94.21	ug/L	99
42) Toluene	8.763	91	571553	50.04	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	201633	49.66	ug/L	99
45) 1,1,2-Trichloroethane	9.189	97	132830	48.53	ug/L	98
46) Tetrachloroethene	9.317	164	106671	49.56	ug/L	99
48) 2-Hexanone	9.470	43	268768	93.61	ug/L	97
49) Dibromochloromethane	9.561	129	140694	50.13	ug/L	99
50) 1,2-Dibromoethane	9.653	107	142072	50.11	ug/L	99
51) Chlorobenzene	10.122	112	357528	49.44	ug/L	97
52) Ethylbenzene	10.232	91	620061	50.77	ug/L	100
53) m,p-Xylene	10.342	106	236114	51.75	ug/L	94
54) o-Xylene	10.683	106	227655	51.41	ug/L	98
55) Styrene	10.695	104	391294	52.20	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.250	83	203641	46.88	ug/L	99
59) Bromoform	10.835	173	102559	50.03	ug/L	97
60) Isopropylbenzene	11.000	105	609575	52.68	ug/L	99
61) 1,2,3-Trichloropropane	11.274	75	163195	45.58	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	504689	53.48	ug/L	99
63) 1,2,4-Trimethylbenzene	11.793	105	508229	53.35	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	264704	49.03	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	275376	50.48	ug/L	95
67) 1,2-Dichlorobenzene	12.372	146	261431	48.57	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.981	75	44134	48.74	ug/L	94
69) 1,3,5-Trichlorobenzene	13.152	180	197260	53.22	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	165889	51.99	ug/L	100
71) Naphthalene	13.817	128	565634	53.66	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	176075	53.63	ug/L	99

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

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