

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024637.D
 Acq On : 07 Oct 2021 10:39
 Operator : JC/MD
 Sample : VSTD10014
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100614

Quant Time: Oct 07 11:19:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 11:18:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	268639	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	265831	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	156685	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	159118	82.68	ug/L	0.00
7) Chloroethane-d5	1.660	69	116585	83.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	332913	93.30	ug/L	0.00
21) 2-Butanone-d5	4.465	46	293638	191.00	ug/L	0.00
24) Chloroform-d	5.068	84	354802	98.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	246613	103.00	ug/L	0.00
32) Benzene-d6	5.983	84	682677	83.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	212268	83.15	ug/L	0.00
41) Toluene-d8	8.653	98	676882	90.19	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	117725	93.41	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	227882	186.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	338146	97.81	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	299513	94.38	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	237593	117.53	ug/L	100
3) Chloromethane	1.295	50	185341	96.29	ug/L	99
5) Vinyl chloride	1.374	62	189271	91.28	ug/L	98
6) Bromomethane	1.599	94	111294	108.90	ug/L	97
8) Chloroethane	1.679	64	108688	91.44	ug/L	99
9) Trichlorofluoromethane	1.886	101	297248	103.52	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	172011	99.26	ug/L	96
12) 1,1-Dichloroethene	2.319	96	158646	96.61	ug/L	95
13) Acetone	2.386	43	263276	223.71	ug/L	90
14) Carbon disulfide	2.514	76	452677	94.55	ug/L	99
15) Methyl Acetate	2.709	43	217728	98.13	ug/L	92
16) Methylene chloride	2.794	84	181967	88.96	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	174123	95.05	ug/L	94
18) Methyl tert-butyl Ether	3.123	73	591577	96.09	ug/L	96
19) 1,1-Dichloroethane	3.617	63	328349	96.80	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	197968	95.72	ug/L	96
22) 2-Butanone	4.568	43	355889	203.16	ug/L	91
23) Bromochloromethane	4.910	128	102470	104.27	ug/L	98
25) Chloroform	5.099	83	364439	103.56	ug/L	97
27) 1,2-Dichloroethane	6.092	62	305420	110.94	ug/L	96
29) Cyclohexane	5.477	56	308019	88.11	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	331259	100.78	ug/L	99
31) Carbon tetrachloride	5.684	117	295221	107.45	ug/L	98
33) Benzene	6.044	78	753499	88.92	ug/L	100
34) Trichloroethene	7.129	95	205329	94.73	ug/L	98
35) Methylcyclohexane	7.385	83	334577	93.55	ug/L	98
37) 1,2-Dichloropropane	7.440	63	195790	90.14	ug/L	98
38) Bromodichloromethane	7.824	83	266420	97.75	ug/L	99
39) cis-1,3-Dichloropropene	8.373	75	316482	94.33	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	643202	189.12	ug/L	93
42) Toluene	8.720	91	853337	94.51	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	324911	98.68	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	200083	95.12	ug/L	98
46) Tetrachloroethene	9.275	164	164990	109.02	ug/L	94
48) 2-Hexanone	9.433	43	528886	192.93	ug/L	91
49) Dibromochloromethane	9.525	129	224730	110.91	ug/L	99
50) 1,2-Dibromoethane	9.610	107	221640	102.71	ug/L #	98
51) Chlorobenzene	10.080	112	555312	99.86	ug/L	98
52) Ethylbenzene	10.195	91	968929	97.75	ug/L	98
53) m,p-Xylene	10.305	106	383348	100.42	ug/L	98
54) o-Xylene	10.647	106	378718	102.28	ug/L	94
55) Styrene	10.659	104	651416	104.57	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	344451	102.91	ug/L	98
59) Bromoform	10.805	173	172142	106.90	ug/L #	98
60) Isopropylbenzene	10.964	105	1002814	81.64	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	286785	82.24	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	920008	88.78	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	898339	86.16	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	485146	95.49	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	496883	98.51	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	487360	95.24	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	86194	97.08	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	360599	109.89	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	311778	105.91	ug/L	97
71) Naphthalene	13.780	128	1111358	93.26	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	323415	108.67	ug/L	98

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

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