

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024635.D
 Acq On : 07 Oct 2021 09:52
 Operator : JC/MD
 Sample : VSTD01012
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010612

Quant Time: Oct 07 11:18:56 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	305890	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246317	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	123599	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	18806	8.58	ug/L	0.00
7) Chloroethane-d5	1.666	69	12806	8.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	40466	9.96	ug/L	0.00
21) 2-Butanone-d5	4.471	46	30174	17.24	ug/L	0.00
24) Chloroform-d	5.068	84	38135	9.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	27838	10.21	ug/L	0.00
32) Benzene-d6	5.982	84	79438	10.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	25287	10.69	ug/L	0.00
41) Toluene-d8	8.653	98	75982	10.93	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	10262	8.79	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	20369	18.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	32259	10.07	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	24543	9.80	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	28001	12.16	ug/L	100
3) Chloromethane	1.294	50	22615	10.32	ug/L	96
5) Vinyl chloride	1.374	62	22004	9.32	ug/L	96
6) Bromomethane	1.611	94	13052	11.22	ug/L	99
8) Chloroethane	1.691	64	11756	8.69	ug/L	96
9) Trichlorofluoromethane	1.892	101	31580	9.66	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	22373	11.34	ug/L	97
12) 1,1-Dichloroethene	2.325	96	19875	10.63	ug/L	91
13) Acetone	2.386	43	32883	24.54	ug/L	97
14) Carbon disulfide	2.514	76	51339	9.42	ug/L	98
15) Methyl Acetate	2.709	43	25485	10.09	ug/L	97
16) Methylene chloride	2.794	84	22141	9.51	ug/L	88
17) trans-1,2-Dichloroethene	3.099	96	20852	10.00	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	66450	9.48	ug/L	98
19) 1,1-Dichloroethane	3.617	63	38874	10.06	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	23478	9.97	ug/L	94
22) 2-Butanone	4.568	43	41505	20.81	ug/L	94
23) Bromochloromethane	4.903	128	12004	10.73	ug/L	94
25) Chloroform	5.098	83	44571	11.12	ug/L	94
27) 1,2-Dichloroethane	6.092	62	32709	10.43	ug/L #	94
29) Cyclohexane	5.476	56	35020	10.81	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	36077	11.85	ug/L	97
31) Carbon tetrachloride	5.684	117	30752	12.08	ug/L	99
33) Benzene	6.050	78	86574	11.03	ug/L	100
34) Trichloroethene	7.129	95	23786	11.84	ug/L	98
35) Methylcyclohexane	7.385	83	36918	11.14	ug/L	99
37) 1,2-Dichloropropane	7.433	63	23406	11.63	ug/L #	94
38) Bromodichloromethane	7.824	83	27713	10.97	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	32111	10.33	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	66743	21.18	ug/L	93
42) Toluene	8.720	91	95132	11.37	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	28409	9.31	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.159	97	20183	10.36	ug/L	98
46) Tetrachloroethene	9.275	164	17638	12.58	ug/L	96
48) 2-Hexanone	9.433	43	53033	20.88	ug/L #	89
49) Dibromochloromethane	9.525	129	19303	10.28	ug/L	89
50) 1,2-Dibromoethane	9.610	107	22101	11.05	ug/L	98
51) Chlorobenzene	10.085	112	52875	10.26	ug/L	96
52) Ethylbenzene	10.195	91	87814	9.56	ug/L	99
53) m,p-Xylene	10.305	106	35146	9.94	ug/L	98
54) o-Xylene	10.646	106	35862	10.45	ug/L	94
55) Styrene	10.658	104	56240	9.74	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	33704	10.87	ug/L	99
59) Bromoform	10.805	173	14067	11.07	ug/L	96
60) Isopropylbenzene	10.963	105	87305	9.01	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	28376	10.32	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	77933	9.53	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	70942	8.63	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	40359	10.07	ug/L	92
65) 1,4-Dichlorobenzene	12.042	146	40897	10.28	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	39808	9.86	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	6612	9.44	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	28268	10.92	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	23992	10.33	ug/L	97
71) Naphthalene	13.780	128	76185	8.10	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	24605	10.48	ug/L	97

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

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