

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025913.D
 Acq On : 20 Dec 2021 13:45
 Operator : JC/MD
 Sample : VSTD10046
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100646

Quant Time: Dec 20 14:22:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 14:11:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	177893	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95957	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	146497	103.729	ug/L	0.00
7) Chloroethane-d5	1.660	69	119772	100.653	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	255914	105.556	ug/L	0.00
21) 2-Butanone-d5	4.458	46	201749	193.898	ug/L	0.00
24) Chloroform-d	5.062	84	272670	98.971	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	171414	92.784	ug/L	0.00
32) Benzene-d6	5.976	84	539299	100.821	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	163596	99.837	ug/L	0.00
41) Toluene-d8	8.653	98	516828	102.739	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	78019	116.887	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	154068	222.555	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	236128	103.522	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	200336	98.580	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	160634	111.884	ug/L	100
3) Chloromethane	1.294	50	151902	96.020	ug/L	98
5) Vinyl chloride	1.374	62	162864	104.806	ug/L	99
6) Bromomethane	1.599	94	107263	90.217	ug/L	97
8) Chloroethane	1.685	64	103536	97.804	ug/L	98
9) Trichlorofluoromethane	1.886	101	246416	108.928	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	119828	109.791	ug/L	89
12) 1,1-Dichloroethene	2.319	96	111704	104.678	ug/L	77
13) Acetone	2.380	43	152820	178.988	ug/L	95
14) Carbon disulfide	2.514	76	338528	110.620	ug/L	100
15) Methyl Acetate	2.703	43	141074	92.823	ug/L #	90
16) Methylene chloride	2.794	84	132957	91.401	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	127828	98.867	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	402215	95.564	ug/L	98
19) 1,1-Dichloroethane	3.611	63	231803	99.159	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	145890	99.249	ug/L	94
22) 2-Butanone	4.556	43	222561	187.599	ug/L	97
23) Bromochloromethane	4.903	128	74233	111.633	ug/L	90
25) Chloroform	5.099	83	248569	95.788	ug/L	98
27) 1,2-Dichloroethane	6.092	62	197130	93.884	ug/L	98
29) Cyclohexane	5.477	56	221868	115.545	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	218921	104.668	ug/L	98
31) Carbon tetrachloride	5.678	117	195703	128.130	ug/L	99
33) Benzene	6.044	78	548928	99.753	ug/L	100
34) Trichloroethene	7.129	95	143884	101.409	ug/L	96
35) Methylcyclohexane	7.385	83	232502	123.455	ug/L	98
37) 1,2-Dichloropropane	7.434	63	135936	99.650	ug/L	99
38) Bromodichloromethane	7.824	83	187164	103.237	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	215764	114.280	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	416649	201.949	ug/L	97
42) Toluene	8.720	91	605686	103.251	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	207150	119.713	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	139634	97.809	ug/L	98
46) Tetrachloroethene	9.275	164	114409	108.893	ug/L	98
48) 2-Hexanone	9.433	43	340354	202.620	ug/L	98
49) Dibromochloromethane	9.525	129	154065	108.892	ug/L	97
50) 1,2-Dibromoethane	9.610	107	151076	101.827	ug/L	98
51) Chlorobenzene	10.079	112	388861	101.057	ug/L	98
52) Ethylbenzene	10.195	91	661633	106.864	ug/L	97
53) m,p-Xylene	10.305	106	264876	108.329	ug/L	98
54) o-Xylene	10.646	106	259102	108.824	ug/L	97
55) Styrene	10.659	104	441911	112.335	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	219252	98.718	ug/L	98
59) Bromoform	10.799	173	109721	110.596	ug/L	99
60) Isopropylbenzene	10.963	105	678306	102.786	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	176683	88.132	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	576363	104.143	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	579776	104.115	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	311083	101.437	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	308070	99.257	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	303680	97.650	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	44416	102.919	ug/L	89
69) 1,3,5-Trichlorobenzene	13.115	180	208777	109.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	180301	121.797	ug/L	96
71) Naphthalene	13.780	128	641618	130.435	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	182116	123.462	ug/L	98

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

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