

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026098.D
 Acq On : 28 Dec 2021 15:05
 Operator : JC/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050662

Quant Time: Dec 29 03:38:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 03:36:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	221966	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196224	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93966	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	89822	55.772	ug/L	0.00
7) Chloroethane-d5	1.672	69	67500	52.991	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	164892	52.374	ug/L	0.00
21) 2-Butanone-d5	4.459	46	127483	95.003	ug/L	0.00
24) Chloroform-d	5.062	84	154216	49.258	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	97878	46.641	ug/L	0.00
32) Benzene-d6	5.983	84	298322	52.407	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	92922	52.615	ug/L	0.00
41) Toluene-d8	8.653	98	271700	51.361	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	44479	56.776	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	88515	98.955	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	122450	47.930	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	94325	52.775	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	115073	51.608	ug/L	100
3) Chloromethane	1.294	50	97405	47.948	ug/L	100
5) Vinyl chloride	1.374	62	99089	48.717	ug/L	100
6) Bromomethane	1.611	94	58257	50.750	ug/L	100
8) Chloroethane	1.691	64	59283	48.499	ug/L	100
9) Trichlorofluoromethane	1.892	101	154694	50.145	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	78866	49.592	ug/L	100
12) 1,1-Dichloroethene	2.325	96	72737	49.058	ug/L	100
13) Acetone	2.386	43	119271	143.235	ug/L	100
14) Carbon disulfide	2.520	76	223721	53.371	ug/L	100
15) Methyl Acetate	2.709	43	94916	46.889	ug/L	100
16) Methylene chloride	2.794	84	78951	46.176	ug/L	100
17) trans-1,2-Dichloroethene	3.099	96	74719	47.596	ug/L	100
18) Methyl tert-butyl Ether	3.117	73	241328	47.492	ug/L	100
19) 1,1-Dichloroethane	3.617	63	140836	47.595	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	83427	47.646	ug/L	100
22) 2-Butanone	4.562	43	160820	112.362	ug/L	100
23) Bromochloromethane	4.910	128	41904	48.140	ug/L	100
25) Chloroform	5.099	83	145367	47.200	ug/L	100
27) 1,2-Dichloroethane	6.092	62	117741	46.550	ug/L	100
29) Cyclohexane	5.477	56	135258	51.997	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	128422	53.129	ug/L	100
31) Carbon tetrachloride	5.684	117	114841	54.301	ug/L	100
33) Benzene	6.044	78	313599	50.414	ug/L	100
34) Trichloroethene	7.129	95	82182	51.134	ug/L	100
35) Methylcyclohexane	7.385	83	129200	51.178	ug/L	100
37) 1,2-Dichloropropane	7.434	63	78762	49.989	ug/L	100
38) Bromodichloromethane	7.824	83	110846	52.955	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	125054	54.320	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	262512	99.733	ug/L	100
42) Toluene	8.720	91	331896	50.262	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	119737	54.969	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	76955	50.487	ug/L	100
46) Tetrachloroethene	9.275	164	61765	50.682	ug/L	100
48) 2-Hexanone	9.433	43	219005	107.094	ug/L	100
49) Dibromochloromethane	9.525	129	88384	55.104	ug/L	100
50) 1,2-Dibromoethane	9.610	107	82039	50.358	ug/L	100
51) Chlorobenzene	10.079	112	205929	49.553	ug/L	100
52) Ethylbenzene	10.195	91	355380	49.852	ug/L	100
53) m,p-Xylene	10.305	106	135674	49.761	ug/L	100
54) o-Xylene	10.646	106	132566	49.168	ug/L	100
55) Styrene	10.659	104	229840	50.461	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	120281	47.557	ug/L	100
59) Bromoform	10.799	173	61871	60.587	ug/L	100
60) Isopropylbenzene	10.963	105	350406	53.638	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	97866	51.921	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	296231	54.186	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	291962	53.522	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	151757	52.334	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	151524	51.753	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	150852	52.535	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	29341	57.520	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	103390	53.072	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	93415	53.605	ug/L	100
71) Naphthalene	13.780	128	358691	54.611	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	93159	52.171	ug/L	100

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

