

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027133.D
 Acq On : 01 Aug 2022 17:06
 Operator : SY/MD
 Sample : VSTD10049
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100249

Quant Time: Aug 02 00:06:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	626318	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	614983	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	339946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	408554	100.652	ug/L	0.00
7) Chloroethane-d5	1.561	69	290048	95.490	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	763040	98.719	ug/L	0.00
21) 2-Butanone-d5	3.873	46	579917	227.701	ug/L	0.00
24) Chloroform-d	4.339	84	834741	101.738	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	472993	101.607	ug/L	0.00
32) Benzene-d6	5.043	84	1692818	104.024	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	516483	102.598	ug/L	0.00
41) Toluene-d8	7.313	98	1571730	107.133	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	239094	108.218	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	467259	240.424	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	754106	100.213	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	593220	99.294	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	582482	97.193	ug/L	99
3) Chloromethane	1.237	50	545752	96.035	ug/L	99
5) Vinyl chloride	1.307	62	584322	98.781	ug/L	100
6) Bromomethane	1.516	94	305804	99.688	ug/L	99
8) Chloroethane	1.577	64	300903	94.941	ug/L	100
9) Trichlorofluoromethane	1.745	101	747610	95.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	432010	96.652	ug/L	99
12) 1,1-Dichloroethene	2.111	96	419623	96.619	ug/L	97
13) Acetone	2.169	43	428169	189.739	ug/L	100
14) Carbon disulfide	2.288	76	1276353	98.680	ug/L	100
15) Methyl Acetate	2.423	43	496822	101.198	ug/L	99
16) Methylene chloride	2.500	84	519899	94.440	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	460902	99.701	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	1416038	106.630	ug/L	100
19) 1,1-Dichloroethane	3.182	63	842653	99.543	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	525991	107.189	ug/L	100
22) 2-Butanone	3.957	43	675920	228.111	ug/L	98
23) Bromochloromethane	4.240	128	281271	100.885	ug/L	99
25) Chloroform	4.368	83	882546	99.020	ug/L	100
27) 1,2-Dichloroethane	5.124	62	618771	100.271	ug/L	99
29) Cyclohexane	4.670	56	684176	109.884	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	759800	98.527	ug/L	99
31) Carbon tetrachloride	4.822	117	657715	99.186	ug/L	100
33) Benzene	5.092	78	1948087	103.282	ug/L	100
34) Trichloroethene	5.908	95	478936	98.736	ug/L	98
35) Methylcyclohexane	6.127	83	785139	109.061	ug/L	98
37) 1,2-Dichloropropane	6.169	63	499580	100.890	ug/L	100
38) Bromodichloromethane	6.503	83	654207	99.742	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	768324	110.605	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1296983	221.619	ug/L	100
42) Toluene	7.384	91	2054717	105.596	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	726976	108.922	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	511468	98.260	ug/L	98
46) Tetrachloroethene	7.973	164	374176	101.037	ug/L	98
48) 2-Hexanone	8.137	43	1014680	222.999	ug/L	100
49) Dibromochloromethane	8.243	129	550595	101.897	ug/L	98
50) 1,2-Dibromoethane	8.349	107	542767	100.718	ug/L	100
51) Chlorobenzene	8.879	112	1347872	100.097	ug/L	99
52) Ethylbenzene	9.008	91	2186422	109.641	ug/L	99
53) m,p-Xylene	9.137	106	871367	111.391	ug/L	99
54) o-Xylene	9.542	106	851899	111.251	ug/L	99
55) Styrene	9.558	104	1524194	114.526	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	835632	99.002	ug/L	100
59) Bromoform	9.728	173	383741	97.776	ug/L	99
60) Isopropylbenzene	9.928	105	2199329	105.439	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	648077	91.824	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	985508	109.079	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	802612	109.950	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	1034177	100.600	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	1057313	97.495	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	1062807	98.451	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	184281	97.593	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	745003	102.148	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	656118	107.140	ug/L	99
71) Naphthalene	13.500	128	2384199	118.521	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	721622	107.756	ug/L	99

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

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