

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021781.D
 Acq On : 16 Aug 2021 10:18
 Operator : SY/MD
 Sample : VSTD05040
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050240

Quant Time: Aug 17 03:51:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	467169	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	441185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	234347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	174393	46.108	ug/L	0.00
7) Chloroethane-d5	1.558	69	131091	46.858	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	287106	42.169	ug/L	0.00
21) 2-Butanone-d5	3.876	46	218241	113.363	ug/L	0.00
24) Chloroform-d	4.349	84	308897	46.139	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	175837	42.302	ug/L	0.00
32) Benzene-d6	5.050	84	612548	51.793	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	191601	53.564	ug/L	0.00
41) Toluene-d8	7.317	98	571582	50.642	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	94940	49.746	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	130797	97.034	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	245663	47.230	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	229825	49.664	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	195846	43.147	ug/L	100
3) Chloromethane	1.240	50	202833	50.121	ug/L	100
5) Vinyl chloride	1.310	62	200039	48.795	ug/L	100
6) Bromomethane	1.510	94	128857	46.672	ug/L	100
8) Chloroethane	1.577	64	120334	49.164	ug/L	100
9) Trichlorofluoromethane	1.748	101	275613	39.520	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	158782	44.641	ug/L	100
12) 1,1-Dichloroethene	2.114	96	150455	46.276	ug/L	100
13) Acetone	2.159	43	227071	122.848	ug/L #	100
14) Carbon disulfide	2.291	76	525905	56.086	ug/L	100
15) Methyl Acetate	2.426	43	202828	65.625	ug/L	100
16) Methylene chloride	2.503	84	198605	55.487	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	184380	56.353	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	571867	56.897	ug/L	100
19) 1,1-Dichloroethane	3.188	63	329165	55.837	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	204835	58.221	ug/L	100
22) 2-Butanone	3.957	43	312350	140.980	ug/L	100
23) Bromochloromethane	4.246	128	108508	54.458	ug/L	100
25) Chloroform	4.375	83	338180	51.983	ug/L	100
27) 1,2-Dichloroethane	5.130	62	244394	48.090	ug/L	100
29) Cyclohexane	4.680	56	297182	63.119	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	303524	51.577	ug/L	100
31) Carbon tetrachloride	4.828	117	263836	49.289	ug/L	100
33) Benzene	5.101	78	746958	58.762	ug/L	100
34) Trichloroethene	5.915	95	207244	58.923	ug/L	100
35) Methylcyclohexane	6.133	83	309724	59.056	ug/L	100
37) 1,2-Dichloropropane	6.175	63	187061	59.866	ug/L	100
38) Bromodichloromethane	6.513	83	248269	52.620	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	297238	59.152	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	525651	135.166	ug/L	100
42) Toluene	7.391	91	799703	58.042	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	286629	55.777	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	190306	56.695	ug/L	100
46) Tetrachloroethene	7.979	164	158338	51.964	ug/L	100
48) 2-Hexanone	8.140	43	414608	136.346	ug/L	100
49) Dibromochloromethane	8.249	129	215065	53.323	ug/L	100
50) 1,2-Dibromoethane	8.355	107	205984	56.867	ug/L	100
51) Chlorobenzene	8.882	112	520495	55.156	ug/L	100
52) Ethylbenzene	9.014	91	855769	56.547	ug/L	100
53) m,p-Xylene	9.140	106	330516	57.325	ug/L	100
54) o-Xylene	9.545	106	331171	58.183	ug/L	100
55) Styrene	9.561	104	563854	58.820	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	274628	52.612	ug/L	100
59) Bromoform	9.735	173	159702	54.625	ug/L	100
60) Isopropylbenzene	9.934	105	862078	59.615	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	234303	57.522	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	729435	59.638	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	747032	60.977	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	415550	58.015	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	412111	56.149	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	419033	56.688	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	60720	51.548	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	303626	55.155	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	260691	57.510	ug/L	100
71) Naphthalene	13.503	128	790629	62.479	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	261031	57.139	ug/L	100

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

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