

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071921\
 Data File : VV021682.D
 Acq On : 19 Jul 2021 15:07
 Operator : SY/MD
 Sample : VSTD05030
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050230

Quant Time: Jul 20 01:29:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	460804	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	421499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	215028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	159828	53.743	ug/L	0.00
7) Chloroethane-d5	1.558	69	121877	51.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	264095	49.489	ug/L	0.00
21) 2-Butanone-d5	3.876	46	259320	104.466	ug/L	0.00
24) Chloroform-d	4.352	84	309168	50.615	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	184396	51.180	ug/L	0.00
32) Benzene-d6	5.050	84	630680	52.578	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	197497	52.119	ug/L	0.00
41) Toluene-d8	7.317	98	587380	52.839	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	98588	52.349	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	185618	106.648	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	263229	52.009	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	228679	52.635	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	158147	41.237	ug/L	100
3) Chloromethane	1.240	50	150579	40.831	ug/L	100
5) Vinyl chloride	1.307	62	158528	42.925	ug/L	100
6) Bromomethane	1.513	94	68380	34.203	ug/L	100
8) Chloroethane	1.577	64	92747	43.820	ug/L	100
9) Trichlorofluoromethane	1.748	101	220781	46.521	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	121555	45.235	ug/L	100
12) 1,1-Dichloroethene	2.114	96	115726	44.970	ug/L	100
13) Acetone	2.162	43	136814	71.194	ug/L	100
14) Carbon disulfide	2.291	76	351020	39.515	ug/L	100
15) Methyl Acetate	2.426	43	173946	46.295	ug/L	100
16) Methylene chloride	2.506	84	159605	45.205	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	141082	44.936	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	483694	47.149	ug/L	100
19) 1,1-Dichloroethane	3.188	63	266328	46.248	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	163373	46.453	ug/L	100
22) 2-Butanone	3.960	43	238212	86.763	ug/L	100
23) Bromochloromethane	4.249	128	85595	46.149	ug/L	100
25) Chloroform	4.375	83	275069	46.781	ug/L	100
27) 1,2-Dichloroethane	5.133	62	198214	46.585	ug/L	100
29) Cyclohexane	4.677	56	228797	43.872	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	244142	46.498	ug/L	100
31) Carbon tetrachloride	4.831	117	208434	45.394	ug/L	100
33) Benzene	5.101	78	602299	47.363	ug/L	100
34) Trichloroethene	5.915	95	157519	45.916	ug/L	100
35) Methylcyclohexane	6.133	83	235016	43.611	ug/L	100
37) 1,2-Dichloropropane	6.175	63	159217	47.870	ug/L	100
38) Bromodichloromethane	6.513	83	207842	46.604	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	254505	46.795	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	462852	95.435	ug/L	100
42) Toluene	7.390	91	641115	47.116	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	239711	47.226	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	155276	47.681	ug/L	100
46) Tetrachloroethene	7.976	164	122889	45.171	ug/L	100
48) 2-Hexanone	8.140	43	354367	92.849	ug/L	100
49) Dibromochloromethane	8.249	129	175706	47.152	ug/L	100
50) 1,2-Dibromoethane	8.355	107	166904	46.977	ug/L	100
51) Chlorobenzene	8.882	112	416595	47.007	ug/L	100
52) Ethylbenzene	9.014	91	688135	46.603	ug/L	100
53) m,p-Xylene	9.140	106	267073	47.125	ug/L	100
54) o-Xylene	9.545	106	266847	47.170	ug/L	100
55) Styrene	9.561	104	456844	47.718	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	244580	48.308	ug/L	100
59) Bromoform	9.734	173	131984	48.273	ug/L	100
60) Isopropylbenzene	9.934	105	696240	47.821	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	198765	48.068	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	590460	47.606	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	595768	47.535	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	327061	47.744	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	325379	47.422	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	333719	48.528	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	55450	46.006	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	244257	47.777	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	218698	49.594	ug/L	100
71) Naphthalene	13.503	128	693438	51.577	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	225848	51.516	ug/L	100

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

