

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070621\
 Data File : VV021606.D
 Acq On : 06 Jul 2021 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050281

Quant Time: Jul 07 00:53:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 03 00:01:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	485857	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	449804	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	237132	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119053	38.729	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.460%
7) Chloroethane-d5	1.558	69	101540	40.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.840%
11) 1,1-Dichloroethene-d2	2.105	63	238647	42.432	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.860%
21) 2-Butanone-d5	3.870	46	237533	90.476	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.480%
24) Chloroform-d	4.346	84	286688	44.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.180%
26) 1,2-Dichloroethane-d4	5.031	65	169580	44.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
32) Benzene-d6	5.047	84	553251	43.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
36) 1,2-Dichloropropane-d6	6.069	67	178715	44.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.740%
41) Toluene-d8	7.317	98	509972	43.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.320%
43) trans-1,3-Dichloroprop...	7.622	79	86259	43.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.060%
47) 2-Hexanone-d5	8.085	63	176729	95.647	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.650%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	254678	47.454	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	213498	45.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	195237	46.460	ug/L	100
3) Chloromethane	1.240	50	178932	44.228	ug/L	100
5) Vinyl chloride	1.307	62	180998	45.191	ug/L	99
6) Bromomethane	1.510	94	94488	40.484	ug/L	99
8) Chloroethane	1.577	64	104510	45.387	ug/L	99
9) Trichlorofluoromethane	1.748	101	253789	50.349	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	140960	48.815	ug/L	100
12) 1,1-Dichloroethene	2.114	96	129485	46.666	ug/L	95
13) Acetone	2.159	43	240095	110.621	ug/L #	100
14) Carbon disulfide	2.291	76	438317	44.806	ug/L	99
15) Methyl Acetate	2.426	43	180894	44.851	ug/L	99
16) Methylene chloride	2.503	84	169913	45.109	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	160523	47.420	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	528125	48.170	ug/L	99
19) 1,1-Dichloroethane	3.185	63	293536	47.604	ug/L	100
20) cis-1,2-Dichloroethene	3.909	96	178872	47.519	ug/L	97
22) 2-Butanone	3.954	43	316682	105.650	ug/L	98
23) Bromochloromethane	4.246	128	94827	47.727	ug/L	99
25) Chloroform	4.375	83	300719	47.835	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	220024	48.120	ug/L	100
29) Cyclohexane	4.677	56	267509	47.099	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	271213	47.960	ug/L	99
31) Carbon tetrachloride	4.825	117	242144	48.620	ug/L	99
33) Benzene	5.098	78	661074	48.293	ug/L	100
34) Trichloroethene	5.912	95	176982	47.830	ug/L	98
35) Methylcyclohexane	6.130	83	286273	48.731	ug/L	99
37) 1,2-Dichloropropane	6.172	63	168609	47.387	ug/L	100
38) Bromodichloromethane	6.510	83	232534	48.359	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	284168	48.431	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	491466	94.095	ug/L	99
42) Toluene	7.387	91	705385	48.109	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	266515	48.640	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	169592	48.518	ug/L	99
46) Tetrachloroethene	7.976	164	142177	48.311	ug/L	97
48) 2-Hexanone	8.137	43	408538	98.957	ug/L	99
49) Dibromochloromethane	8.246	129	199324	49.515	ug/L	99
50) 1,2-Dibromoethane	8.352	107	183855	47.972	ug/L	98
51) Chlorobenzene	8.883	112	460849	48.299	ug/L	99
52) Ethylbenzene	9.014	91	777055	48.782	ug/L	99
53) m,p-Xylene	9.140	106	297822	48.719	ug/L	97
54) o-Xylene	9.542	106	299141	49.050	ug/L	98
55) Styrene	9.561	104	509149	49.406	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	264888	48.614	ug/L	99
59) Bromoform	9.731	173	147723	48.468	ug/L	100
60) Isopropylbenzene	9.931	105	784983	48.533	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	213868	46.655	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	672179	48.763	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	680248	48.764	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	369421	48.572	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	368839	48.519	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	372107	48.820	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	64215	47.253	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	286971	50.490	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	255913	52.354	ug/L	99
71) Naphthalene	13.503	128	790765	53.118	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	256832	53.198	ug/L	100

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

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