

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
 Data File : VV021903.D
 Acq On : 20 Aug 2021 09:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050311

Quant Time: Aug 21 00:47:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	454716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	419103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	222025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143025	40.234	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.460%
7) Chloroethane-d5	1.558	69	110849	41.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.640%
11) 1,1-Dichloroethene-d2	2.104	63	235283	41.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.160%
21) 2-Butanone-d5	3.870	46	199570	90.268	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.270%
24) Chloroform-d	4.342	84	272226	44.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.027	65	155991	44.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.060%
32) Benzene-d6	5.047	84	541447	44.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	6.066	67	170983	45.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	7.313	98	499581	44.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
43) trans-1,3-Dichloroprop...	7.619	79	80962	43.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.660%
47) 2-Hexanone-d5	8.085	63	125537	102.057	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	230960	49.659	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.320%
66) 1,2-Dichlorobenzene-d4	11.625	152	208323	45.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151760	43.139	ug/L	99
3) Chloromethane	1.240	50	154339	42.245	ug/L	99
5) Vinyl chloride	1.307	62	156105	43.393	ug/L	100
6) Bromomethane	1.506	94	96398	44.581	ug/L	98
8) Chloroethane	1.574	64	94024	43.737	ug/L	98
9) Trichlorofluoromethane	1.748	101	216464	43.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	125121	44.337	ug/L	100
12) 1,1-Dichloroethene	2.114	96	116577	43.370	ug/L	93
13) Acetone	2.156	43	197693	108.673	ug/L #	100
14) Carbon disulfide	2.288	76	383534	42.407	ug/L	100
15) Methyl Acetate	2.423	43	158061	47.295	ug/L	100
16) Methylene chloride	2.500	84	154674	41.370	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	143116	45.374	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	447130	46.094	ug/L	100
19) 1,1-Dichloroethane	3.185	63	257030	45.779	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	157377	43.089	ug/L	99
22) 2-Butanone	3.950	43	254138	95.927	ug/L	97
23) Bromochloromethane	4.243	128	83152	42.911	ug/L	98
25) Chloroform	4.371	83	258475	42.784	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	180449	42.393	ug/L	97
29) Cyclohexane	4.674	56	229957	44.551	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	227100	43.304	ug/L	99
31) Carbon tetrachloride	4.825	117	199405	43.943	ug/L	100
33) Benzene	5.095	78	578147	44.828	ug/L	100
34) Trichloroethene	5.911	95	153228	41.344	ug/L	99
35) Methylcyclohexane	6.130	83	249029	46.056	ug/L	98
37) 1,2-Dichloropropane	6.172	63	143177	43.843	ug/L	100
38) Bromodichloromethane	6.506	83	186622	43.358	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	226773	43.854	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	390524	86.934	ug/L	98
42) Toluene	7.387	91	617082	44.799	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	212774	43.662	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	144648	44.216	ug/L	99
46) Tetrachloroethene	7.976	164	124410	45.168	ug/L	99
48) 2-Hexanone	8.136	43	323112	92.857	ug/L	97
49) Dibromochloromethane	8.246	129	157980	43.738	ug/L	98
50) 1,2-Dibromoethane	8.352	107	159412	44.778	ug/L	98
51) Chlorobenzene	8.879	112	400199	44.498	ug/L	99
52) Ethylbenzene	9.011	91	662476	45.081	ug/L	99
53) m,p-Xylene	9.136	106	258698	45.423	ug/L	99
54) o-Xylene	9.545	106	252211	44.675	ug/L	99
55) Styrene	9.561	104	434469	45.958	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	222650	48.889	ug/L	98
59) Bromoform	9.731	173	110634	41.917	ug/L	99
60) Isopropylbenzene	9.931	105	668259	44.894	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	178216	43.435	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	563726	45.130	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	577909	45.502	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	323511	44.879	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	319561	44.412	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	321938	44.272	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	44418	44.526	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	236734	45.306	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	201262	45.926	ug/L	100
71) Naphthalene	13.503	128	605864	47.595	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	200058	45.443	ug/L	99

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

