

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072821\
 Data File : VW021707.D
 Acq On : 28 Jul 2021 14:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050295

Quant Time: Jul 29 02:04:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 29 02:02:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	485121	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	449633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	241746	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142018	41.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.760%
7) Chloroethane-d5	1.558	69	116281	48.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.940%
11) 1,1-Dichloroethene-d2	2.105	63	248883	43.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
21) 2-Butanone-d5	3.867	46	235534	89.043	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.040%
24) Chloroform-d	4.343	84	296513	45.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.027	65	175330	45.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
32) Benzene-d6	5.047	84	587857	44.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
36) 1,2-Dichloropropane-d6	6.066	67	184807	44.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.320%
41) Toluene-d8	7.313	98	547135	44.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
43) trans-1,3-Dichloroprop...	7.619	79	92426	44.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.620%
47) 2-Hexanone-d5	8.085	63	168495	90.166	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.170%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	247039	45.199	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	224871	44.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	156775	44.720	ug/L	99
3) Chloromethane	1.240	50	155592	47.019	ug/L	99
5) Vinyl chloride	1.307	62	156393	45.365	ug/L	100
6) Bromomethane	1.507	94	96518	58.721	ug/L	100
8) Chloroethane	1.574	64	94209	48.181	ug/L	99
9) Trichlorofluoromethane	1.748	101	219435	45.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	125785	45.930	ug/L	100
12) 1,1-Dichloroethene	2.111	96	114906	44.962	ug/L	97
13) Acetone	2.156	43	247352	147.435	ug/L	100
14) Carbon disulfide	2.288	76	332387	43.075	ug/L	100
15) Methyl Acetate	2.423	43	161377	43.862	ug/L	98
16) Methylene chloride	2.500	84	163012	44.130	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	136793	44.870	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	462025	44.682	ug/L	99
19) 1,1-Dichloroethane	3.185	63	259179	45.027	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	157385	44.611	ug/L	100
22) 2-Butanone	3.950	43	304531	118.961	ug/L	98
23) Bromochloromethane	4.243	128	84001	45.001	ug/L	98
25) Chloroform	4.371	83	266878	44.855	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	190228	44.545	ug/L	100
29) Cyclohexane	4.674	56	223818	44.996	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	236404	44.473	ug/L	100
31) Carbon tetrachloride	4.825	117	204654	44.703	ug/L	99
33) Benzene	5.095	78	577374	45.172	ug/L	100
34) Trichloroethene	5.912	95	159973	46.342	ug/L	96
35) Methylcyclohexane	6.127	83	235411	45.528	ug/L	99
37) 1,2-Dichloropropane	6.172	63	152072	45.395	ug/L	100
38) Bromodichloromethane	6.510	83	201142	44.579	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	234666	43.740	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	435537	88.901	ug/L	100
42) Toluene	7.387	91	627555	45.598	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	230470	45.340	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	151067	45.089	ug/L	100
46) Tetrachloroethene	7.976	164	121926	45.241	ug/L	99
48) 2-Hexanone	8.137	43	388927	103.083	ug/L	99
49) Dibromochloromethane	8.246	129	170956	45.154	ug/L	96
50) 1,2-Dibromoethane	8.352	107	162613	45.396	ug/L	99
51) Chlorobenzene	8.879	112	407161	45.102	ug/L	99
52) Ethylbenzene	9.011	91	677932	45.978	ug/L	100
53) m,p-Xylene	9.137	106	264986	46.252	ug/L	100
54) o-Xylene	9.542	106	260004	45.322	ug/L	96
55) Styrene	9.561	104	449869	46.531	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	226891	43.994	ug/L	100
59) Bromoform	9.731	173	125553	42.122	ug/L	100
60) Isopropylbenzene	9.931	105	694151	44.247	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	191385	42.683	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	589524	44.569	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	599322	44.853	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	330896	44.627	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	333347	44.913	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	336224	44.673	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	50315	40.567	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	249459	45.366	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	211402	43.576	ug/L	100
71) Naphthalene	13.503	128	639607	42.664	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	214456	43.359	ug/L	100

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

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