

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022369.D
 Acq On : 28 Sep 2021 15:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050348

Quant Time: Sep 29 01:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 29 01:30:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	265398	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	141770	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97469	43.275	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.560%		
7) Chloroethane-d5	1.555	69	80174	45.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.000%		
11) 1,1-Dichloroethene-d2	2.105	63	179876	45.934	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.860%		
21) 2-Butanone-d5	3.867	46	156772	98.627	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.630%		
24) Chloroform-d	4.342	84	194897	47.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.840%		
26) 1,2-Dichloroethane-d4	5.027	65	117113	46.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.920%		
32) Benzene-d6	5.047	84	386838	47.668	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.340%		
36) 1,2-Dichloropropane-d6	6.066	67	122443	47.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.320%		
41) Toluene-d8	7.313	98	361091	48.613	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.220%		
43) trans-1,3-Dichloroprop...	7.619	79	56311	47.499	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.000%		
47) 2-Hexanone-d5	8.085	63	106786	101.225	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.220%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	179589	47.653	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.300%		
66) 1,2-Dichlorobenzene-d4	11.625	152	148355	47.060	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	129688	51.275	ug/L	100
3) Chloromethane	1.240	50	128427	49.651	ug/L	100
5) Vinyl chloride	1.307	62	121500	50.332	ug/L	99
6) Bromomethane	1.503	94	78795	50.850	ug/L	98
8) Chloroethane	1.574	64	73908	50.212	ug/L	98
9) Trichlorofluoromethane	1.744	101	168141	51.302	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	96567	52.550	ug/L	98
12) 1,1-Dichloroethene	2.111	96	88813	50.876	ug/L	93
13) Acetone	2.156	43	139485	111.806	ug/L	96
14) Carbon disulfide	2.288	76	271578	49.858	ug/L	99
15) Methyl Acetate	2.423	43	117121	50.368	ug/L	99
16) Methylene chloride	2.500	84	112414	46.206	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	100511	49.925	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	305962	51.106	ug/L	100
19) 1,1-Dichloroethane	3.185	63	181920	50.062	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	107758	50.256	ug/L	100
22) 2-Butanone	3.950	43	169159	103.073	ug/L	98
23) Bromochloromethane	4.243	128	58849	50.626	ug/L	98
25) Chloroform	4.371	83	184638	49.323	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	131252	49.307	ug/L	99
29) Cyclohexane	4.674	56	157283	52.033	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	159191	51.415	ug/L	99
31) Carbon tetrachloride	4.825	117	138710	50.869	ug/L	99
33) Benzene	5.095	78	407526	51.767	ug/L	100
34) Trichloroethene	5.911	95	101868	50.317	ug/L	99
35) Methylcyclohexane	6.127	83	166295	53.320	ug/L	99
37) 1,2-Dichloropropane	6.169	63	105158	52.049	ug/L	100
38) Bromodichloromethane	6.506	83	129759	50.231	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	150843	50.726	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	286043	100.616	ug/L	99
42) Toluene	7.384	91	437207	52.029	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	149427	52.628	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	102321	49.762	ug/L	100
46) Tetrachloroethene	7.976	164	86355	51.805	ug/L	96
48) 2-Hexanone	8.136	43	227556	105.399	ug/L	99
49) Dibromochloromethane	8.246	129	110382	50.732	ug/L	98
50) 1,2-Dibromoethane	8.352	107	111435	50.701	ug/L #	100
51) Chlorobenzene	8.882	112	277060	50.117	ug/L	100
52) Ethylbenzene	9.011	91	458060	52.043	ug/L	100
53) m,p-Xylene	9.140	106	179577	52.979	ug/L	98
54) o-Xylene	9.542	106	176969	53.732	ug/L	97
55) Styrene	9.561	104	308800	53.928	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	171837	50.488	ug/L	99
59) Bromoform	9.731	173	79160	49.770	ug/L	98
60) Isopropylbenzene	9.931	105	461108	52.803	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	127818	48.325	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	386578	53.718	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	396089	54.542	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	227286	51.342	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	228340	50.640	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	228421	50.529	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34223	49.002	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	163265	51.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	136243	50.420	ug/L	100
71) Naphthalene	13.503	128	428920	51.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	143413	51.403	ug/L	99

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

