

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093021\
 Data File : VW022419.D
 Acq On : 30 Sep 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050352

Quant Time: Oct 01 02:35:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	237829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229627	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130263	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93363	46.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.52%
7) Chloroethane-d5	1.558	69	74739	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.64%
11) 1,1-Dichloroethene-d2	2.105	63	169794	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.78%
21) 2-Butanone-d5	3.870	46	129720	91.07	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.07%
24) Chloroform-d	4.346	84	169892	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	5.031	65	99635	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
32) Benzene-d6	5.047	84	339233	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
36) 1,2-Dichloropropane-d6	6.069	67	105440	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.24%
41) Toluene-d8	7.313	98	315284	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%
43) trans-1,3-Dichloroprop...	7.622	79	48856	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.60%
47) 2-Hexanone-d5	8.088	63	86867	92.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.50%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	153189	45.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.32%
66) 1,2-Dichlorobenzene-d4	11.625	152	129934	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	123090	54.31	ug/L	98
3) Chloromethane	1.240	50	121854	52.57	ug/L	100
5) Vinyl chloride	1.307	62	114178	52.78	ug/L	99
6) Bromomethane	1.507	94	74791	53.86	ug/L	99
8) Chloroethane	1.577	64	72856	55.24	ug/L	98
9) Trichlorofluoromethane	1.748	101	161051	54.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	92724	56.31	ug/L	99
12) 1,1-Dichloroethene	2.114	96	85115	54.41	ug/L	88
13) Acetone	2.156	43	136750	122.32	ug/L	98
14) Carbon disulfide	2.288	76	261623	53.60	ug/L	100
15) Methyl Acetate	2.423	43	115259	55.31	ug/L	98
16) Methylene chloride	2.503	84	106570	48.88	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	97173	53.86	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	301222	56.15	ug/L	100
19) 1,1-Dichloroethane	3.188	63	175789	53.98	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	103449	53.84	ug/L	97
22) 2-Butanone	3.953	43	170136	115.69	ug/L	96
23) Bromochloromethane	4.243	128	57073	54.79	ug/L	96
25) Chloroform	4.371	83	177178	52.82	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	127951	53.64	ug/L	99
29) Cyclohexane	4.677	56	149396	55.52	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	153480	55.69	ug/L	99
31) Carbon tetrachloride	4.825	117	134224	55.30	ug/L	100
33) Benzene	5.098	78	395912	56.50	ug/L	100
34) Trichloroethene	5.912	95	98083	54.43	ug/L	99
35) Methylcyclohexane	6.130	83	161238	58.08	ug/L	99
37) 1,2-Dichloropropane	6.172	63	102246	56.85	ug/L	99
38) Bromodichloromethane	6.510	83	127585	55.48	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	153517	58.00	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	285016	112.63	ug/L	99
42) Toluene	7.387	91	424036	56.69	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	146532	57.98	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	103332	56.46	ug/L	99
46) Tetrachloroethene	7.976	164	84190	56.74	ug/L	97
48) 2-Hexanone	8.137	43	222004	115.52	ug/L	98
49) Dibromochloromethane	8.246	129	110915	57.27	ug/L	99
50) 1,2-Dibromoethane	8.352	107	110045	56.25	ug/L	98
51) Chlorobenzene	8.882	112	270141	54.89	ug/L	99
52) Ethylbenzene	9.011	91	443912	56.66	ug/L	100
53) m,p-Xylene	9.140	106	173872	57.63	ug/L	98
54) o-Xylene	9.545	106	171367	58.45	ug/L	100
55) Styrene	9.561	104	302808	59.41	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	167290	55.22	ug/L	97
59) Bromoform	9.731	173	80723	55.24	ug/L	98
60) Isopropylbenzene	9.934	105	444289	55.37	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	128882	53.03	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	372629	56.35	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	378571	56.74	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	222635	54.73	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	223027	53.83	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	227296	54.72	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	33491	52.19	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	157565	53.70	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	134741	54.27	ug/L	99
71) Naphthalene	13.503	128	420320	55.25	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	142080	55.42	ug/L	98

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

