

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022395.D
 Acq On : 29 Sep 2021 22:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050350

Quant Time: Sep 30 05:32:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	253298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	245873	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130105	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88048	40.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.920%
7) Chloroethane-d5	1.564	69	74734	43.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.920%
11) 1,1-Dichloroethene-d2	2.105	63	166583	44.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.140%
21) 2-Butanone-d5	3.902	46	168345	110.967	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.970%
24) Chloroform-d	4.349	84	185988	47.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	5.034	65	110359	46.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
32) Benzene-d6	5.050	84	366306	47.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	6.069	67	117432	47.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	7.317	98	343558	48.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.060%
43) trans-1,3-Dichloroprop...	7.622	79	52645	46.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.180%
47) 2-Hexanone-d5	8.091	63	114253	113.628	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.630%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	178837	49.786	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	11.625	152	141250	48.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	119045	49.316	ug/L	100
3) Chloromethane	1.240	50	118170	47.868	ug/L	100
5) Vinyl chloride	1.307	62	115294	50.042	ug/L	98
6) Bromomethane	1.519	94	74046	50.068	ug/L	99
8) Chloroethane	1.584	64	68347	48.652	ug/L	99
9) Trichlorofluoromethane	1.751	101	156714	50.100	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	86236	49.170	ug/L	99
12) 1,1-Dichloroethene	2.114	96	84410	50.664	ug/L	88
13) Acetone	2.195	43	105626	88.710	ug/L	99
14) Carbon disulfide	2.291	76	255240	49.097	ug/L	100
15) Methyl Acetate	2.439	43	120722	54.396	ug/L	100
16) Methylene chloride	2.503	84	108734	46.828	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	94839	49.358	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	298779	52.290	ug/L	100
19) 1,1-Dichloroethane	3.188	63	173266	49.958	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	102759	50.214	ug/L	96
22) 2-Butanone	3.986	43	159421	101.780	ug/L	95
23) Bromochloromethane	4.249	128	57451	51.784	ug/L	96
25) Chloroform	4.375	83	175075	49.003	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	125123	49.250	ug/L	100
29) Cyclohexane	4.677	56	148209	51.442	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	152939	51.824	ug/L	100
31) Carbon tetrachloride	4.828	117	131630	50.646	ug/L	99
33) Benzene	5.098	78	393510	52.444	ug/L	100
34) Trichloroethene	5.915	95	98650	51.124	ug/L	99
35) Methylcyclohexane	6.130	83	151905	51.101	ug/L	99
37) 1,2-Dichloropropane	6.175	63	105228	54.644	ug/L	100
38) Bromodichloromethane	6.513	83	127204	51.663	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	142694	50.344	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	297276	109.709	ug/L	99
42) Toluene	7.387	91	428002	53.438	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	138860	51.311	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	103544	52.833	ug/L	99
46) Tetrachloroethene	7.976	164	84269	53.039	ug/L	97
48) 2-Hexanone	8.143	43	233142	113.295	ug/L	99
49) Dibromochloromethane	8.246	129	110998	53.523	ug/L	97
50) 1,2-Dibromoethane	8.352	107	110264	52.635	ug/L	98
51) Chlorobenzene	8.882	112	270303	51.299	ug/L	99
52) Ethylbenzene	9.014	91	440504	52.509	ug/L	100
53) m,p-Xylene	9.140	106	172922	53.524	ug/L	99
54) o-Xylene	9.545	106	171046	54.487	ug/L	99
55) Styrene	9.561	104	298125	54.624	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	166024	51.179	ug/L	98
59) Bromoform	9.734	173	79115	54.202	ug/L	99
60) Isopropylbenzene	9.934	105	439251	54.810	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	128652	53.002	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	363475	55.036	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	369530	55.447	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	213212	52.481	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	215368	52.046	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	220767	53.214	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34121	53.236	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	147046	50.173	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	124997	50.406	ug/L	100
71) Naphthalene	13.503	128	444628	58.518	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	140602	54.914	ug/L	99

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

