

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022341.D
 Acq On : 27 Sep 2021 18:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

Quant Time: Sep 28 02:35:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:27:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	277275	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	269418	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111798	47.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.020%
7) Chloroethane-d5	1.558	69	88237	47.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.820%
11) 1,1-Dichloroethene-d2	2.105	63	194706	47.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.180%
21) 2-Butanone-d5	3.873	46	174265	104.936	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.940%
24) Chloroform-d	4.349	84	206239	48.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	5.030	65	125781	48.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
32) Benzene-d6	5.050	84	423393	49.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
36) 1,2-Dichloropropane-d6	6.069	67	133736	49.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	7.317	98	394563	50.861	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.720%
43) trans-1,3-Dichloroprop...	7.622	79	62634	50.586	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.180%
47) 2-Hexanone-d5	8.088	63	119865	108.791	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.790%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	198203	50.356	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	161143	50.679	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129651	49.065	ug/L	100
3) Chloromethane	1.243	50	132271	48.946	ug/L	100
5) Vinyl chloride	1.307	62	122038	48.389	ug/L	99
6) Bromomethane	1.506	94	79123	48.874	ug/L	98
8) Chloroethane	1.577	64	74909	48.712	ug/L	98
9) Trichlorofluoromethane	1.748	101	166056	48.496	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	89854	46.803	ug/L	98
12) 1,1-Dichloroethene	2.114	96	88309	48.420	ug/L	89
13) Acetone	2.159	43	112625	86.409	ug/L	97
14) Carbon disulfide	2.288	76	289059	50.794	ug/L	99
15) Methyl Acetate	2.426	43	126588	52.107	ug/L	100
16) Methylene chloride	2.503	84	118122	46.472	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	104014	49.452	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	322815	51.612	ug/L	99
19) 1,1-Dichloroethane	3.188	63	187692	49.438	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	112462	50.203	ug/L	98
22) 2-Butanone	3.957	43	167632	97.767	ug/L	99
23) Bromochloromethane	4.246	128	60559	49.865	ug/L	98
25) Chloroform	4.375	83	190135	48.616	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	135136	48.592	ug/L	98
29) Cyclohexane	4.677	56	164053	51.965	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	166090	51.362	ug/L	99
31) Carbon tetrachloride	4.828	117	144475	50.730	ug/L	99
33) Benzene	5.098	78	423782	51.543	ug/L	100
34) Trichloroethene	5.915	95	107170	50.685	ug/L	98
35) Methylcyclohexane	6.130	83	167074	51.292	ug/L	99
37) 1,2-Dichloropropane	6.172	63	110734	52.478	ug/L	99
38) Bromodichloromethane	6.509	83	136374	50.547	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	166057	53.467	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	321224	108.187	ug/L	100
42) Toluene	7.387	91	451040	51.393	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	157463	53.100	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	106781	49.723	ug/L	99
46) Tetrachloroethene	7.976	164	86724	49.814	ug/L	98
48) 2-Hexanone	8.140	43	245842	109.026	ug/L	99
49) Dibromochloromethane	8.246	129	117851	51.861	ug/L	98
50) 1,2-Dibromoethane	8.352	107	117359	51.126	ug/L	99
51) Chlorobenzene	8.882	112	287175	49.738	ug/L	100
52) Ethylbenzene	9.014	91	469397	51.063	ug/L	99
53) m,p-Xylene	9.140	106	184925	52.237	ug/L	100
54) o-Xylene	9.545	106	182362	53.015	ug/L	97
55) Styrene	9.561	104	321419	53.745	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	183206	51.540	ug/L	99
59) Bromoform	9.731	173	86898	54.167	ug/L	97
60) Isopropylbenzene	9.934	105	473629	53.772	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	139224	52.186	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	397716	54.792	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	401623	54.830	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	229386	51.372	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	230366	50.652	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	235459	51.639	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	38252	54.301	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	163209	50.668	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	140843	51.676	ug/L	100
71) Naphthalene	13.503	128	490508	58.737	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	148502	52.771	ug/L	100

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

