

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022549.D
 Acq On : 03 Oct 2021 07:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050359

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:30:36 PM

Quant Time: Oct 04 04:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	267962	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	250704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	133501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75958	45.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.660%
7) Chloroethane-d5	1.568	69	58713	45.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.105	63	147989	45.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.580%
21) 2-Butanone-d5	3.899	46	81849	89.725	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.720%
24) Chloroform-d	4.349	84	143001	47.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
26) 1,2-Dichloroethane-d4	5.034	65	81725	46.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
32) Benzene-d6	5.050	84	285872	49.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	6.072	67	85326	47.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	7.317	98	268514	50.401	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.622	79	39377	46.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.100%
47) 2-Hexanone-d5	8.092	63	77944	105.233	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.230%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	120771	48.575	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	11.625	152	105992	48.686	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	126640	47.256	ug/L	99
3) Chloromethane	1.240	50	124571	46.746	ug/L	99
5) Vinyl chloride	1.310	62	123670	48.959	ug/L	99
6) Bromomethane	1.523	94	74732	42.374	ug/L	98
8) Chloroethane	1.584	64	72038	46.761	ug/L	98
9) Trichlorofluoromethane	1.751	101	164849	47.515	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	83408	42.470	ug/L	98
12) 1,1-Dichloroethene	2.114	96	85184	45.509	ug/L	94
13) Acetone	2.175	43	86617m	75.167	ug/L	
14) Carbon disulfide	2.288	76	233228	41.248	ug/L	99
15) Methyl Acetate	2.429	43	94497	44.953	ug/L	97
16) Methylene chloride	2.500	84	108468	46.122	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	99380	48.366	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	311648	49.127	ug/L	99
19) 1,1-Dichloroethane	3.185	63	174395	47.967	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	104833	47.890	ug/L	100
22) 2-Butanone	3.979	43	133937m	88.274	ug/L	
23) Bromochloromethane	4.246	128	57189	47.553	ug/L	95
25) Chloroform	4.375	83	179845	49.158	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	128742	48.596	ug/L	100
29) Cyclohexane	4.674	56	150207	51.402	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	160909	51.380	ug/L	99
31) Carbon tetrachloride	4.825	117	141375	51.385	ug/L	99
33) Benzene	5.098	78	386648	49.949	ug/L	100
34) Trichloroethene	5.915	95	102515	50.721	ug/L	99
35) Methylcyclohexane	6.130	83	147208	48.034	ug/L	99
37) 1,2-Dichloropropane	6.175	63	95580	48.226	ug/L	100
38) Bromodichloromethane	6.510	83	128043	49.737	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	140504	47.139	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	284523	102.170	ug/L	99
42) Toluene	7.387	91	415572	50.964	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	134618	46.909	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	98372	47.949	ug/L	96
46) Tetrachloroethene	7.976	164	82528	48.775	ug/L	99
48) 2-Hexanone	8.143	43	221714	104.096	ug/L	99
49) Dibromochloromethane	8.246	129	113173	50.975	ug/L	100
50) 1,2-Dibromoethane	8.352	107	108157	48.964	ug/L	97
51) Chlorobenzene	8.882	112	267096	49.246	ug/L	99
52) Ethylbenzene	9.014	91	437164	51.512	ug/L	98
53) m,p-Xylene	9.140	106	170388	50.675	ug/L	98
54) o-Xylene	9.545	106	171127	52.239	ug/L	99
55) Styrene	9.561	104	289941	51.575	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	153318	48.351	ug/L	100
59) Bromoform	9.735	173	82707	50.102	ug/L	99
60) Isopropylbenzene	9.934	105	439927	51.794	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	123063	48.471	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	371217	51.906	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	372795	52.436	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	212277	49.261	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	212407	47.461	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	212868	48.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	35455	50.970	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	151502	47.317	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	136095	47.268	ug/L	99
71) Naphthalene	13.503	128	479410	50.566	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	147866	49.688	ug/L	99

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

