

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011121\
 Data File : VW019976.D
 Acq On : 11 Jan 2021 19:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 7:00:40 AM

Quant Time: Jan 12 06:43:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:51:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	390569	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	380883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	204283	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	167695	50.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.80%
7) Chloroethane-d5	1.569	69	138571	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.38%
11) 1,1-Dichloroethene-d2	2.109	63	328833	50.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.36%
21) 2-Butanone-d5	3.897	46	226936	106.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.19%
24) Chloroform-d	4.354	84	308811	52.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	5.035	65	214525	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
32) Benzene-d6	5.055	84	556952	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
36) 1,2-Dichloropropane-d6	6.074	67	174757	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.14%
41) Toluene-d8	7.321	98	508287	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%
43) trans-1,3-Dichloroprop...	7.624	79	87417	50.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.38%
47) 2-Hexanone-d5	8.093	63	145998	108.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	240784	53.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.14%
64) 1,2-Dichlorobenzene-d4	11.630	152	202265	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	173921	46.09	ug/L	100
3) Chloromethane	1.241	50	187937	51.96	ug/L	99
5) Vinyl chloride	1.312	62	187666	51.27	ug/L	99
6) Bromomethane	1.524	94	116198	50.90	ug/L	99
8) Chloroethane	1.585	64	116274	51.61	ug/L	100
9) Trichlorofluoromethane	1.753	101	257855	50.14	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	129851	45.46	ug/L	96
12) 1,1-Dichloroethene	2.119	96	139645	50.70	ug/L	97
13) Acetone	2.190	43	164302	87.01	ug/L	96
14) Carbon disulfide	2.296	76	389555	47.60	ug/L	99
15) Methyl Acetate	2.437	43	167051	52.13	ug/L	100
16) Methylene chloride	2.511	84	152016	51.93	ug/L	98
17) trans-1,2-Dichloroethene	2.762	96	139909	50.68	ug/L	99
18) Methyl tert-butyl Ether	2.772	73	465347	51.76	ug/L	98
19) 1,1-Dichloroethane	3.193	63	272738	51.66	ug/L	98
20) cis-1,2-Dichloroethene	3.916	96	150245m	50.96	ug/L	
22) 2-Butanone	3.981	43	234153	102.92	ug/L	99
23) Bromochloromethane	4.254	128	78760	51.12	ug/L	93
25) Chloroform	4.379	83	286805	51.68	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	247766	53.43	ug/L	99
29) Cyclohexane	4.685	56	200752	44.58	ug/L	98
30) 1,1,1-Trichloroethane	4.614	97	250319	49.96	ug/L	100
31) Carbon tetrachloride	4.833	117	204747	47.93	ug/L	99
33) Benzene	5.103	78	576313	52.12	ug/L	100
34) Trichloroethene	5.920	95	157206	49.62	ug/L	99
35) Methylcyclohexane	6.138	83	192566	42.53	ug/L	98
37) 1,2-Dichloropropane	6.180	63	150834	52.59	ug/L	100
38) Bromodichloromethane	6.514	83	210462	50.80	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	227905	50.75	ug/L	98
40) 4-Methyl-2-pentanone	7.231	43	463825	105.25	ug/L	98
42) Toluene	7.392	91	605035	51.39	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	231537	50.82	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	146066	51.82	ug/L	99
46) Tetrachloroethene	7.981	164	107523	47.27	ug/L	99
48) 2-Hexanone	8.145	43	355039	102.42	ug/L	99
49) Dibromochloromethane	8.251	129	159261	51.16	ug/L	98
50) 1,2-Dibromoethane	8.357	107	157979	52.23	ug/L	99
51) Chlorobenzene	8.887	112	390394	50.06	ug/L	99
52) Ethylbenzene	9.016	91	671518	50.22	ug/L	99
53) m,p-Xylene	9.145	106	241408	49.43	ug/L	98
54) o-xylene	9.550	106	244707	50.89	ug/L	97
55) Styrene	9.566	104	434421	52.26	ug/L	100
56) Isopropylbenzene	9.935	105	638243	49.07	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.247	83	228299	51.73	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	198921	51.00	ug/L	98
61) Bromoform	9.736	173	103453	49.74	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	305804	49.89	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	310817	49.41	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	314553	50.93	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	54826	51.04	ug/L	95
67) 1,3,5-Trichlorobenzene	12.652	180	223590	48.57	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	205105	50.39	ug/L	100
69) Naphthalene	13.511	128	636463	54.06	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	204427	51.74	ug/L	99

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

