

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062321\
 Data File : VW021551.D
 Acq On : 23 Jun 2021 11:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050170

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 12:57:44 PM

Quant Time: Jun 24 02:25:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 17 02:01:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	482774	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	450320	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	241868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	144922	45.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.180%
7) Chloroethane-d5	1.568	69	118757	50.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.460%
11) 1,1-Dichloroethene-d2	2.108	63	266575	49.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.160%
21) 2-Butanone-d5	3.889	46	261486	114.725	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.720%
24) Chloroform-d	4.349	84	315589	49.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	5.034	65	188012	51.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.180%
32) Benzene-d6	5.050	84	615769	48.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	6.072	67	196564	50.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.060%
41) Toluene-d8	7.317	98	569487	47.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.900%
43) trans-1,3-Dichloroprop...	7.622	79	101647	48.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.640%
47) 2-Hexanone-d5	8.088	63	191742	107.334	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.330%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	275368	50.991	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	232806	46.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	140652	42.033	ug/L	98
3) Chloromethane	1.243	50	148179	44.452	ug/L	100
5) Vinyl chloride	1.310	62	156560	45.762	ug/L	100
6) Bromomethane	1.523	94	102666	43.818	ug/L	98
8) Chloroethane	1.584	64	96769	49.748	ug/L	98
9) Trichlorofluoromethane	1.751	101	208878	41.161	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	137417	46.585	ug/L	93
12) 1,1-Dichloroethene	2.117	96	127661	45.056	ug/L	90
13) Acetone	2.185	43	263823m	134.528	ug/L	
14) Carbon disulfide	2.294	76	396284	44.363	ug/L	100
15) Methyl Acetate	2.436	43	176460	52.515	ug/L	95
16) Methylene chloride	2.506	84	163665	46.110	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	150592	46.586	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	507408	49.513	ug/L	98
19) 1,1-Dichloroethane	3.191	63	279095	48.721	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	171878	47.526	ug/L	95
22) 2-Butanone	3.973	43	305460	122.957	ug/L	99
23) Bromochloromethane	4.249	128	89863	44.864	ug/L	93
25) Chloroform	4.378	83	290579	49.017	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	212646	51.924	ug/L	99
29) Cyclohexane	4.680	56	255474	48.696	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	263379	47.379	ug/L	98
31) Carbon tetrachloride	4.831	117	230374	45.650	ug/L	99
33) Benzene	5.101	78	626289	48.591	ug/L	100
34) Trichloroethene	5.915	95	167591	47.835	ug/L	96
35) Methylcyclohexane	6.133	83	262970	46.758	ug/L	98
37) 1,2-Dichloropropane	6.175	63	163812	49.846	ug/L	99
38) Bromodichloromethane	6.509	83	228509	49.552	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	274147	49.617	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	488244	109.572	ug/L	98
42) Toluene	7.390	91	674474	47.171	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	258377	49.431	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	162879	48.833	ug/L	97
46) Tetrachloroethene	7.979	164	132722	41.204	ug/L	95
48) 2-Hexanone	8.140	43	406693	119.004	ug/L	97
49) Dibromochloromethane	8.249	129	191700	45.898	ug/L	97
50) 1,2-Dibromoethane	8.352	107	174597	47.560	ug/L	98
51) Chlorobenzene	8.882	112	442522	46.812	ug/L	98
52) Ethylbenzene	9.014	91	758441	48.294	ug/L	99
53) m,p-Xylene	9.140	106	288878	47.873	ug/L	100
54) o-Xylene	9.545	106	286147	48.027	ug/L	100
55) Styrene	9.561	104	488685	47.657	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	262301	50.379	ug/L	99
59) Bromoform	9.731	173	145126	44.470	ug/L #	98
60) Isopropylbenzene	9.934	105	758036	50.578	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	210163	55.301	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	641850	49.746	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	652305	50.046	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	355670	46.982	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	352057	46.062	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	360231	47.523	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	62415	52.718	ug/L	85
69) 1,3,5-Trichlorobenzene	12.647	180	268201	41.996	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	236520	41.456	ug/L	98
71) Naphthalene	13.503	128	732346	46.536	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	233017	41.959	ug/L	99

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

