

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062421\
 Data File : VW021559.D
 Acq On : 24 Jun 2021 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050172

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 12:59:20 PM

Quant Time: Jun 25 02:56:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 24 02:30:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	457137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	427641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	228942	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132302	43.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.920%
7) Chloroethane-d5	1.568	69	113818	50.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.680%
11) 1,1-Dichloroethene-d2	2.108	63	255572	49.695	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.380%
21) 2-Butanone-d5	3.896	46	255026	118.165	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.170%
24) Chloroform-d	4.346	84	299284	49.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
26) 1,2-Dichloroethane-d4	5.031	65	179060	51.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.780%
32) Benzene-d6	5.047	84	588956	49.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
36) 1,2-Dichloropropane-d6	6.069	67	188893	51.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.260%
41) Toluene-d8	7.313	98	543008	47.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	7.619	79	96271	48.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
47) 2-Hexanone-d5	8.088	63	182519	107.590	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.590%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	263518	51.384	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	11.625	152	222535	46.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143240	45.207	ug/L	99
3) Chloromethane	1.240	50	153003	48.473	ug/L	100
5) Vinyl chloride	1.310	62	162879	50.279	ug/L	99
6) Bromomethane	1.523	94	108753	49.019	ug/L	99
8) Chloroethane	1.584	64	104801	56.899	ug/L	100
9) Trichlorofluoromethane	1.751	101	231490	48.175	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	142370	50.970	ug/L	91
12) 1,1-Dichloroethene	2.118	96	131157	48.886	ug/L	93
13) Acetone	2.198	43	243909m	131.348	ug/L	
14) Carbon disulfide	2.291	76	409271	48.386	ug/L	100
15) Methyl Acetate	2.436	43	190032	59.726	ug/L	96
16) Methylene chloride	2.507	84	170184	50.635	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	159891	52.236	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	539196	55.566	ug/L	98
19) 1,1-Dichloroethane	3.188	63	299574	55.228	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	179131	52.309	ug/L	95
22) 2-Butanone	3.976	43	299337	127.250	ug/L	99
23) Bromochloromethane	4.246	128	95107	50.145	ug/L	95
25) Chloroform	4.371	83	308422	54.945	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	223310	57.586	ug/L	98
29) Cyclohexane	4.674	56	267808	53.754	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	275017	52.096	ug/L	97
31) Carbon tetrachloride	4.825	117	240029	50.086	ug/L	99
33) Benzene	5.098	78	660370	53.952	ug/L	100
34) Trichloroethene	5.912	95	177743	53.423	ug/L	96
35) Methylcyclohexane	6.130	83	274614	51.418	ug/L	99
37) 1,2-Dichloropropane	6.172	63	173634	55.637	ug/L	100
38) Bromodichloromethane	6.510	83	238495	54.460	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	286702	54.641	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	517703	122.344	ug/L	97
42) Toluene	7.387	91	713308	52.533	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	273920	55.184	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	172546	54.475	ug/L	96
46) Tetrachloroethene	7.976	164	138438	45.257	ug/L	93
48) 2-Hexanone	8.140	43	413996	127.565	ug/L	96
49) Dibromochloromethane	8.246	129	201832	50.887	ug/L	98
50) 1,2-Dibromoethane	8.352	107	186029	53.362	ug/L	98
51) Chlorobenzene	8.883	112	468895	52.232	ug/L	98
52) Ethylbenzene	9.011	91	795627	53.348	ug/L	99
53) m,p-Xylene	9.136	106	303970	53.046	ug/L	99
54) o-Xylene	9.542	106	300996	53.199	ug/L	99
55) Styrene	9.561	104	515401	52.928	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	276653	55.954	ug/L	98
59) Bromoform	9.731	173	149670	48.452	ug/L #	98
60) Isopropylbenzene	9.931	105	798702	56.300	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	222163	61.759	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	679442	55.632	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	691232	56.027	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	375164	52.355	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	369673	51.098	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	377749	52.648	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	65738	58.660	ug/L	82
69) 1,3,5-Trichlorobenzene	12.644	180	282365	46.711	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	247582	45.845	ug/L	98
71) Naphthalene	13.503	128	762602	51.194	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	243687	46.358	ug/L	98

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

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