

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042321\
 Data File : VW021133.D
 Acq On : 23 Apr 2021 20:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050179

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 5:00:14 PM

Quant Time: Apr 24 03:48:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	713541	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	702814	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	400638	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	210257	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.72%
7) Chloroethane-d5	1.571	69	169822	39.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.74%
11) 1,1-Dichloroethene-d2	2.111	63	447296	41.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.72%
21) 2-Butanone-d5	3.915	46	303140	105.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	4.352	84	461915	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
26) 1,2-Dichloroethane-d4	5.037	65	308067	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
32) Benzene-d6	5.053	84	811683	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
36) 1,2-Dichloropropane-d6	6.072	67	253744	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.84%
41) Toluene-d8	7.320	98	813581	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%
43) trans-1,3-Dichloroprop...	7.625	79	137628	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.16%
47) 2-Hexanone-d5	8.095	63	244074	110.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.14%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	394876	46.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.72%
66) 1,2-Dichlorobenzene-d4	11.631	152	368384	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	336482	46.71	ug/L	99
3) Chloromethane	1.243	50	296469	47.81	ug/L	99
5) Vinyl chloride	1.310	62	304262	47.93	ug/L	100
6) Bromomethane	1.526	94	206823	48.36	ug/L	99
8) Chloroethane	1.587	64	178383	47.63	ug/L	99
9) Trichlorofluoromethane	1.754	101	542449	47.96	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	259548	46.26	ug/L	99
12) 1,1-Dichloroethene	2.121	96	241666	47.44	ug/L	87
13) Acetone	2.211	43	234589	87.72	ug/L	93
14) Carbon disulfide	2.294	76	673186	48.18	ug/L	99
15) Methyl Acetate	2.442	43	240560	54.39	ug/L	99
16) Methylene chloride	2.510	84	259176	48.79	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	240912	49.22	ug/L	96
18) Methyl tert-butyl Ether	2.773	73	788726	52.50	ug/L	99
19) 1,1-Dichloroethane	3.191	63	445511	50.44	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	261322	50.03	ug/L	97
22) 2-Butanone	3.989	43	342003m	110.42	ug/L	
23) Bromochloromethane	4.249	128	152081	50.52	ug/L	98
25) Chloroform	4.378	83	505995	50.90	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	404753	51.14	ug/L	99
29) Cyclohexane	4.680	56	360534	50.41	ug/L	100
30) 1,1,1-Trichloroethane	4.612	97	485039	51.52	ug/L	99
31) Carbon tetrachloride	4.831	117	435731	50.11	ug/L	99
33) Benzene	5.104	78	995704	50.82	ug/L	100
34) Trichloroethene	5.918	95	273702	50.48	ug/L	98
35) Methylcyclohexane	6.133	83	399394	49.01	ug/L	99
37) 1,2-Dichloropropane	6.178	63	246194	51.16	ug/L	99
38) Bromodichloromethane	6.513	83	379631	50.62	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	404144	51.49	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	652977	112.25	ug/L	99
42) Toluene	7.390	91	1126418	52.37	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	417323	51.38	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	265449	50.78	ug/L	96
46) Tetrachloroethene	7.979	164	235925	48.65	ug/L	99
48) 2-Hexanone	8.143	43	530942	115.90	ug/L	97
49) Dibromochloromethane	8.249	129	328694	51.06	ug/L	99
50) 1,2-Dibromoethane	8.355	107	295108	52.23	ug/L	99
51) Chlorobenzene	8.886	112	737918	49.89	ug/L	99
52) Ethylbenzene	9.017	91	1247984	52.33	ug/L	100
53) m,p-Xylene	9.143	106	482376	53.08	ug/L	98
54) o-Xylene	9.548	106	477046	53.44	ug/L	99
55) Styrene	9.564	104	823265	54.59	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	424014	51.04	ug/L	98
59) Bromoform	9.734	173	246604	50.22	ug/L	100
60) Isopropylbenzene	9.937	105	1281930	53.53	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	362253	53.63	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1098117	54.00	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1108077	54.63	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	624420	52.34	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	618942	50.50	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	632036	51.32	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	107806	53.24	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	457669	49.32	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	385876	50.74	ug/L	99
71) Naphthalene	13.509	128	1204783	56.87	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	411727	53.06	ug/L	99

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

