

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081921\
 Data File : VW021877.D
 Acq On : 19 Aug 2021 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

Quant Time: Aug 20 02:12:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 19 01:14:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	424031	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	401617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145596	43.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.840%
7) Chloroethane-d5	1.558	69	113442	45.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.700%
11) 1,1-Dichloroethene-d2	2.104	63	224806	42.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.200%
21) 2-Butanone-d5	3.870	46	208859	101.305	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.310%
24) Chloroform-d	4.346	84	276117	48.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	5.027	65	159375	48.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
32) Benzene-d6	5.046	84	546392	47.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
36) 1,2-Dichloropropane-d6	6.069	67	169935	47.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.316	98	510808	47.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	7.622	79	81085	45.811	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.620%
47) 2-Hexanone-d5	8.085	63	127832	108.447	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.450%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	233864	52.473	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.940%
66) 1,2-Dichlorobenzene-d4	11.625	152	208254	47.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	154859	47.206	ug/L	99
3) Chloromethane	1.240	50	162402	47.669	ug/L	100
5) Vinyl chloride	1.310	62	162019	48.296	ug/L	100
6) Bromomethane	1.506	94	101466	50.321	ug/L	98
8) Chloroethane	1.577	64	97952	48.862	ug/L	99
9) Trichlorofluoromethane	1.748	101	227820	49.565	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	122974	46.730	ug/L	100
12) 1,1-Dichloroethene	2.114	96	113723	45.370	ug/L	94
13) Acetone	2.156	43	184548	108.788	ug/L #	100
14) Carbon disulfide	2.288	76	402172	47.686	ug/L	100
15) Methyl Acetate	2.423	43	165968	53.255	ug/L	98
16) Methylene chloride	2.503	84	160558	46.051	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	147954	50.302	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	464574	51.358	ug/L	99
19) 1,1-Dichloroethane	3.185	63	263517	50.330	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	162153	47.609	ug/L	97
22) 2-Butanone	3.953	43	260661	105.509	ug/L	98
23) Bromochloromethane	4.246	128	85098	47.093	ug/L	99
25) Chloroform	4.371	83	271180	48.136	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	185709	46.786	ug/L	99
29) Cyclohexane	4.673	56	231695	46.842	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	236628	47.086	ug/L	99
31) Carbon tetrachloride	4.825	117	206043	47.383	ug/L	99
33) Benzene	5.095	78	596756	48.285	ug/L	100
34) Trichloroethene	5.911	95	158414	44.604	ug/L	97
35) Methylcyclohexane	6.130	83	247738	47.813	ug/L	99
37) 1,2-Dichloropropane	6.172	63	151402	48.380	ug/L	100
38) Bromodichloromethane	6.509	83	194937	47.262	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	232391	46.897	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	416421	96.735	ug/L	99
42) Toluene	7.387	91	643238	48.731	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	220370	47.189	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	150292	47.941	ug/L	98
46) Tetrachloroethene	7.976	164	128391	48.643	ug/L	99
48) 2-Hexanone	8.136	43	340037	101.976	ug/L	98
49) Dibromochloromethane	8.246	129	165645	47.857	ug/L	97
50) 1,2-Dibromoethane	8.352	107	163604	47.956	ug/L	100
51) Chlorobenzene	8.882	112	410659	47.650	ug/L	99
52) Ethylbenzene	9.011	91	676265	48.023	ug/L	99
53) m,p-Xylene	9.140	106	265353	48.620	ug/L	98
54) o-Xylene	9.545	106	261756	48.385	ug/L	100
55) Styrene	9.561	104	446583	49.296	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	233007	53.391	ug/L	98
59) Bromoform	9.731	173	116195	45.836	ug/L	98
60) Isopropylbenzene	9.931	105	690077	48.268	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	187398	47.553	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	578939	48.255	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	590755	48.428	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	333111	48.113	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	333918	48.317	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	332798	47.649	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	47683	49.766	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	241051	48.031	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	203001	48.230	ug/L	99
71) Naphthalene	13.503	128	610611	49.942	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	206405	48.815	ug/L	99

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

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