

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061621\
 Data File : VW021545.D
 Acq On : 16 Jun 2021 13:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050168

Quant Time: Jun 17 01:57:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 11 02:43:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	489349	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	458900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	260643	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	154376	47.916	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.840%		
7) Chloroethane-d5	1.568	69	121566	50.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.440%		
11) 1,1-Dichloroethene-d2	2.108	63	271813	49.373	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.740%		
21) 2-Butanone-d5	3.889	46	231921	100.386	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.390%		
24) Chloroform-d	4.349	84	312823	48.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.560%		
26) 1,2-Dichloroethane-d4	5.034	65	176671	47.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
32) Benzene-d6	5.050	84	612677	47.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.440%		
36) 1,2-Dichloropropane-d6	6.069	67	189726	47.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.720%		
41) Toluene-d8	7.317	98	581997	47.584	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.160%		
43) trans-1,3-Dichloroprop...	7.622	79	98449	46.402	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.800%		
47) 2-Hexanone-d5	8.088	63	174032	95.599	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.600%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	264551	48.072	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.140%		
66) 1,2-Dichlorobenzene-d4	11.625	152	256804	47.398	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	160434	47.300	ug/L	99
3) Chloromethane	1.240	50	160670	47.552	ug/L	100
5) Vinyl chloride	1.310	62	173276	49.967	ug/L	99
6) Bromomethane	1.523	94	118515	49.903	ug/L	99
8) Chloroethane	1.584	64	106424	53.976	ug/L	100
9) Trichlorofluoromethane	1.751	101	264118	51.347	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	161813	54.118	ug/L	99
12) 1,1-Dichloroethene	2.117	96	149533	52.066	ug/L	90
13) Acetone	2.185	43	146859	73.880	ug/L #	85
14) Carbon disulfide	2.291	76	433834	47.914	ug/L	100
15) Methyl Acetate	2.433	43	174369	51.195	ug/L	99
16) Methylene chloride	2.506	84	181087	50.333	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	169276	51.662	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	543439	52.317	ug/L	99
19) 1,1-Dichloroethane	3.188	63	301472	51.920	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	190860	52.065	ug/L	100
22) 2-Butanone	3.973	43	244587	97.131	ug/L	99
23) Bromochloromethane	4.249	128	106258	52.337	ug/L	97
25) Chloroform	4.375	83	316683	52.703	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	219529	52.884	ug/L	98
29) Cyclohexane	4.677	56	266560	49.859	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	293278	51.771	ug/L	100
31) Carbon tetrachloride	4.828	117	266841	51.888	ug/L	100
33) Benzene	5.101	78	668918	50.928	ug/L	100
34) Trichloroethene	5.915	95	185302	51.901	ug/L	99
35) Methylcyclohexane	6.130	83	284948	49.718	ug/L	99
37) 1,2-Dichloropropane	6.175	63	174448	52.090	ug/L	100
38) Bromodichloromethane	6.510	83	245893	52.325	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	280791	49.869	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	471258	103.782	ug/L	99
42) Toluene	7.387	91	752061	51.614	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	272359	51.132	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	183259	53.916	ug/L	99
46) Tetrachloroethene	7.976	164	170007	51.792	ug/L	99
48) 2-Hexanone	8.140	43	353267	101.438	ug/L	98
49) Dibromochloromethane	8.246	129	226388	53.190	ug/L	98
50) 1,2-Dibromoethane	8.352	107	198426	53.041	ug/L	99
51) Chlorobenzene	8.882	112	499811	51.884	ug/L	99
52) Ethylbenzene	9.014	91	825593	51.587	ug/L	100
53) m,p-Xylene	9.140	106	321480	52.280	ug/L	97
54) o-Xylene	9.545	106	320543	52.795	ug/L	97
55) Styrene	9.561	104	542728	51.938	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	279770	52.730	ug/L	99
59) Bromoform	9.731	173	188517	53.605	ug/L	99
60) Isopropylbenzene	9.931	105	851419	52.716	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	219764	53.662	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	728748	52.412	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	730432	52.004	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	426344	52.261	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	425694	51.684	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	430999	52.763	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	66069	51.785	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	350046	50.864	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	312098	50.762	ug/L	100
71) Naphthalene	13.503	128	858651	50.631	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	311861	52.112	ug/L	99

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

