

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041521\
 Data File : VW021020.D
 Acq On : 15 Apr 2021 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050169

Quant Time: Apr 16 02:59:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	500143	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	483292	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	295173	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	127259	46.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.54%		
7) Chloroethane-d5	1.571	69	105800	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.92%		
11) 1,1-Dichloroethene-d2	2.108	63	285616	48.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.88%		
21) 2-Butanone-d5	3.899	46	176999	98.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.92%		
24) Chloroform-d	4.349	84	340397	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.80%		
26) 1,2-Dichloroethane-d4	5.034	65	223685	49.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.00%		
32) Benzene-d6	5.050	84	586622	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.32%		
36) 1,2-Dichloropropane-d6	6.069	67	166911	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.78%		
41) Toluene-d8	7.317	98	605958	51.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.50%		
43) trans-1,3-Dichloroprop...	7.622	79	101345	49.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.28%		
47) 2-Hexanone-d5	8.091	63	149177	104.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.84%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	264619	49.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.58%		
66) 1,2-Dichlorobenzene-d4	11.631	152	286748	47.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.133	85	202411	50.89	ug/L	98
3) Chloromethane	1.243	50	129954	48.51	ug/L	98
5) Vinyl chloride	1.314	62	152422	51.13	ug/L	99
6) Bromomethane	1.526	94	117335	53.23	ug/L	100
8) Chloroethane	1.587	64	89198	46.25	ug/L	95
9) Trichlorofluoromethane	1.754	101	355223	50.43	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	169625	50.89	ug/L	98
12) 1,1-Dichloroethene	2.117	96	152347	50.88	ug/L	93
13) Acetone	2.191	43	183630	122.51	ug/L	96
14) Carbon disulfide	2.294	76	417135	50.59	ug/L	99
15) Methyl Acetate	2.439	43	127460	50.52	ug/L	100
16) Methylene chloride	2.510	84	165445	49.11	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	160726	50.46	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	518767	51.84	ug/L	99
19) 1,1-Dichloroethane	3.191	63	277457	50.82	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	172136	50.71	ug/L	97
22) 2-Butanone	3.982	43	215692	117.85	ug/L	95
23) Bromochloromethane	4.249	128	106143	52.59	ug/L	93
25) Chloroform	4.375	83	351315	50.53	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	269079	50.65	ug/L	99
29) Cyclohexane	4.677	56	221520	52.60	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	343848	53.00	ug/L	99
31) Carbon tetrachloride	4.828	117	317798	52.73	ug/L	99
33) Benzene	5.101	78	632059	52.35	ug/L	100
34) Trichloroethene	5.915	95	179658	51.67	ug/L	99
35) Methylcyclohexane	6.133	83	274004	54.21	ug/L	99
37) 1,2-Dichloropropane	6.175	63	148457	51.86	ug/L	100
38) Bromodichloromethane	6.513	83	256991	52.58	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	252231	50.39	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	373479	106.21	ug/L	99
42) Toluene	7.390	91	734899	53.98	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	272009	52.60	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	170133	51.17	ug/L	96
46) Tetrachloroethene	7.979	164	178436	53.92	ug/L	96
48) 2-Hexanone	8.143	43	313183	114.87	ug/L	96
49) Dibromochloromethane	8.249	129	235463	53.17	ug/L	99
50) 1,2-Dibromoethane	8.355	107	196837	53.22	ug/L	93
51) Chlorobenzene	8.886	112	506276	52.78	ug/L	98
52) Ethylbenzene	9.014	91	838596	54.44	ug/L	100
53) m,p-Xylene	9.143	106	331042	54.63	ug/L	99
54) o-Xylene	9.548	106	316337	54.01	ug/L	99
55) Styrene	9.564	104	565814	56.34	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	269276	50.97	ug/L	99
59) Bromoform	9.734	173	191760	49.91	ug/L	99
60) Isopropylbenzene	9.934	105	894577	51.43	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	228315	49.24	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	780173	52.41	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	795022	52.63	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	450380	50.48	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	458666	48.98	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	455101	49.21	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	72307	52.35	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	376209	53.56	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	309515	53.29	ug/L	98
71) Naphthalene	13.509	128	857548	56.67	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	321078	54.97	ug/L	99

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

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