

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020108.D
 Acq On : 21 Jan 2021 14:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Jan 22 06:35:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:40:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	425565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	437755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	250434	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	168982	53.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.08%			
7) Chloroethane-d5	1.569	69	140859	53.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.62%			
11) 1,1-Dichloroethene-d2	2.110	63	317072	50.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.58%			
21) 2-Butanone-d5	3.891	46	239092	110.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.45%			
24) Chloroform-d	4.354	84	311755	52.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.46%			
26) 1,2-Dichloroethane-d4	5.036	65	215056	52.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.96%			
32) Benzene-d6	5.055	84	577979	47.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.88%			
36) 1,2-Dichloropropane-d6	6.074	67	192759	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.30%			
41) Toluene-d8	7.322	98	593201	52.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.78%			
43) trans-1,3-Dichloroprop...	7.624	79	101858	54.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.40%			
47) 2-Hexanone-d5	8.093	63	178204	112.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.64%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	281715	54.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.14%			
64) 1,2-Dichlorobenzene-d4	11.630	152	245773	52.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	181994	50.90	ug/L	100
3) Chloromethane	1.241	50	189964	53.23	ug/L	99
5) Vinyl chloride	1.312	62	194052	52.64	ug/L	99
6) Bromomethane	1.524	94	122810	52.82	ug/L	98
8) Chloroethane	1.585	64	123827	52.39	ug/L	98
9) Trichlorofluoromethane	1.753	101	270585	51.51	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	145471	48.34	ug/L	94
12) 1,1-Dichloroethene	2.119	96	142089	49.14	ug/L	88
13) Acetone	2.180	43	173049	92.93	ug/L	100
14) Carbon disulfide	2.296	76	426624	50.65	ug/L	100
15) Methyl Acetate	2.434	43	178856	52.21	ug/L	99
16) Methylene chloride	2.508	84	158646	50.53	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	150161	52.28	ug/L	97
18) Methyl tert-butyl Ether	2.772	73	493975	53.12	ug/L	98
19) 1,1-Dichloroethane	3.193	63	286648	52.28	ug/L	100
20) cis-1,2-Dichloroethene	3.917	96	160406	52.10	ug/L	95
22) 2-Butanone	3.971	43	253799	108.45	ug/L	99
23) Bromochloromethane	4.254	128	83111	51.52	ug/L	91
25) Chloroform	4.380	83	302591	52.61	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	259142	52.79	ug/L	100
29) Cyclohexane	4.685	56	242288	47.58	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	267554	49.13	ug/L	100
31) Carbon tetrachloride	4.833	117	225001	48.04	ug/L	100
33) Benzene	5.103	78	627026	47.67	ug/L	100
34) Trichloroethene	5.920	95	175901	47.29	ug/L	97
35) Methylcyclohexane	6.135	83	253254	47.67	ug/L	97
37) 1,2-Dichloropropane	6.177	63	169958	49.43	ug/L	98
38) Bromodichloromethane	6.515	83	237140	50.36	ug/L	97
39) cis-1,3-Dichloropropene	7.032	75	278251	52.35	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	543251	105.44	ug/L	98
42) Toluene	7.392	91	737714	52.86	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	280752	55.67	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	177767	52.51	ug/L	98
46) Tetrachloroethene	7.981	164	141585	51.00	ug/L	97
48) 2-Hexanone	8.142	43	422743	105.98	ug/L	97
49) Dibromochloromethane	8.251	129	188751	51.59	ug/L	99
50) 1,2-Dibromoethane	8.357	107	189345	51.18	ug/L	98
51) Chlorobenzene	8.887	112	461662	50.32	ug/L	98
52) Ethylbenzene	9.016	91	788638	51.32	ug/L	98
53) m,p-Xylene	9.141	106	290297	51.88	ug/L	99
54) o-xylene	9.550	106	274323	48.75	ug/L	97
55) Styrene	9.566	104	484996	49.26	ug/L	99
56) Isopropylbenzene	9.936	105	735678	48.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	269016	52.73	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	222221	48.93	ug/L	98
61) Bromoform	9.736	173	112950	44.37	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	389293	51.09	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	394657	49.71	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	388551	50.33	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	63224	49.41	ug/L	88
67) 1,3,5-Trichlorobenzene	12.653	180	295975	50.14	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	271182	52.02	ug/L	98
69) Naphthalene	13.511	128	830683	54.92	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	272615	53.19	ug/L	98

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

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