

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021621\
 Data File : VW020335.D
 Acq On : 16 Feb 2021 14:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05098

Quant Time: Feb 17 00:13:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 00:12:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	534694	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	513541	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	276132	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	195203	50.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	100.14%		
7) Chloroethane-d5	1.568	69	176090	55.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	110.12%		
11) 1,1-Dichloroethene-d2	2.108	63	355489	48.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.48%		
21) 2-Butanone-d5	3.883	46	252028	115.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.72%		
24) Chloroform-d	4.349	84	385566	55.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.16%		
26) 1,2-Dichloroethane-d4	5.031	65	260219	59.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	118.34%		
32) Benzene-d6	5.050	84	739610	55.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.18%		
36) 1,2-Dichloropropane-d6	6.069	67	233341	58.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	117.48%		
41) Toluene-d8	7.317	98	682869	54.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.22%		
43) trans-1,3-Dichloroprop...	7.622	79	114419	56.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	113.02%		
47) 2-Hexanone-d5	8.088	63	186181	112.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.67%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	330111	57.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.76%		
64) 1,2-Dichlorobenzene-d4	11.632	152	287266	54.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	191183	40.21	ug/L	99
3) Chloromethane	1.243	50	211229	49.98	ug/L	100
5) Vinyl chloride	1.310	62	209733	46.09	ug/L	99
6) Bromomethane	1.523	94	151573	53.29	ug/L	96
8) Chloroethane	1.584	64	146049	51.31	ug/L	100
9) Trichlorofluoromethane	1.751	101	279576	43.24	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	154926	45.02	ug/L	92
12) 1,1-Dichloroethene	2.118	96	157186	47.39	ug/L	85
13) Acetone	2.172	43	174587	113.56	ug/L	95
14) Carbon disulfide	2.294	76	421585	43.13	ug/L	99
15) Methyl Acetate	2.429	43	186381	56.98	ug/L	92
16) Methylene chloride	2.507	84	205480	56.56	ug/L	88
17) trans-1,2-Dichloroethene	2.761	96	175736	51.10	ug/L	93
18) Methyl tert-butyl Ether	2.767	73	601286	57.58	ug/L	96
19) 1,1-Dichloroethane	3.188	63	337675	54.06	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	205160	55.47	ug/L	88
22) 2-Butanone	3.963	43	255548	116.88	ug/L	95
23) Bromochloromethane	4.246	128	114508	57.25	ug/L #	80
25) Chloroform	4.375	83	369743	56.53	ug/L	98

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

27) 1,2-Dichloroethane	5.130	62	297413	57.43	ug/L	97
29) Cyclohexane	4.677	56	225201	43.25	ug/L	92
30) 1,1,1-Trichloroethane	4.609	97	281488	49.36	ug/L	97
31) Carbon tetrachloride	4.828	117	229148	46.21	ug/L	100
33) Benzene	5.098	78	748083	54.48	ug/L	100
34) Trichloroethene	5.915	95	192584	51.04	ug/L	94
35) Methylcyclohexane	6.133	83	243857	42.68	ug/L	94
37) 1,2-Dichloropropane	6.175	63	197841	56.88	ug/L #	97
38) Bromodichloromethane	6.510	83	264678	55.36	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	305856	55.53	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	516603	117.80	ug/L #	93
42) Toluene	7.391	91	778584	51.55	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	301144	56.22	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	208319	58.20	ug/L	97
46) Tetrachloroethene	7.976	164	144197	46.76	ug/L	94
48) 2-Hexanone	8.140	43	399989	119.22	ug/L #	94
49) Dibromochloromethane	8.249	129	217652	55.11	ug/L	97
50) 1,2-Dibromoethane	8.355	107	220471	57.50	ug/L #	99
51) Chlorobenzene	8.886	112	524634	51.78	ug/L	97
52) Ethylbenzene	9.014	91	828061	49.64	ug/L	98
53) m,p-Xylene	9.143	106	314901	49.58	ug/L	95
54) o-xylene	9.548	106	313714	50.73	ug/L	97
55) Styrene	9.564	104	570251	53.59	ug/L	95
56) Isopropylbenzene	9.937	105	796975	48.03	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	315934	56.02	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	266377	57.12	ug/L	99
61) Bromoform	9.735	173	151887	54.06	ug/L #	97
62) 1,3-Dichlorobenzene	11.188	146	424140	51.93	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	436355	52.10	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	437142	53.60	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	66861	53.44	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.654	180	325798	51.08	ug/L	97
68) 1,2,4-trichlorobenzene	13.271	180	305549	53.99	ug/L	98
69) Naphthalene	13.509	128	972621	60.01	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	311144	55.22	ug/L	98

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

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