

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020321\
 Data File : VW020260.D
 Acq On : 03 Feb 2021 17:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV65

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 4:35:48 PM

Quant Time: Feb 03 23:51:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 17:26:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	570377	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	539733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	317026	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	114440	50.05	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	100.10%	
7) Chloroethane-d5	1.566	69	86484	44.44	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	88.88%	
11) 1,1-Dichloroethene-d2	2.110	63	226077	48.48	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.96%	
21) 2-Butanone-d5	3.884	46	192882	102.60	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	102.60%	
24) Chloroform-d	4.351	84	302229	50.10	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.20%	
26) 1,2-Dichloroethane-d4	5.036	65	183782	50.11	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.22%	
32) Benzene-d6	5.055	84	587998	51.67	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.34%	
36) 1,2-Dichloropropane-d6	6.074	67	172019	51.18	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	102.36%	
41) Toluene-d8	7.318	98	577433	51.37	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.74%	
43) trans-1,3-Dichloroprop...	7.624	79	93693	52.24	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	104.48%	
47) 2-Hexanone-d5	8.090	63	161287	108.28	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.28%	
57) 1,1,2,2-Tetrachloroeth...	10.222	84	269211	51.22	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	102.44%	
64) 1,2-Dichlorobenzene-d4	11.630	152	298548	51.01	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.02%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	157605	48.51	ug/L	100
3) Chloromethane	1.242	50	129423	49.48	ug/L	98
5) Vinyl chloride	1.312	62	149232	51.29	ug/L	99
6) Bromomethane	1.521	94	101155	50.21	ug/L	96
8) Chloroethane	1.586	64	79437	45.62	ug/L	100
9) Trichlorofluoromethane	1.753	101	244933	50.54	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	140575	47.68	ug/L #	76
12) 1,1-Dichloroethene	2.119	96	135365	49.16	ug/L #	60
13) Acetone	2.174	43	116006	93.04	ug/L	92
14) Carbon disulfide	2.296	76	381027	49.75	ug/L	99
15) Methyl Acetate	2.431	43	133761	50.66	ug/L #	82
16) Methylene chloride	2.508	84	165335	51.71	ug/L	79
17) trans-1,2-Dichloroethene	2.762	96	160880	51.11	ug/L	82
18) Methyl tert-butyl Ether	2.769	73	484125	51.87	ug/L	94
19) 1,1-Dichloroethane	3.193	63	262199	51.05	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	180608	51.94	ug/L	77
22) 2-Butanone	3.968	43	188148	104.20	ug/L	87
23) Bromochloromethane	4.251	128	105322	51.70	ug/L #	65
25) Chloroform	4.380	83	297306	51.16	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	221838	52.60	ug/L #	93
29) Cyclohexane	4.682	56	204989	49.70	ug/L #	83
30) 1,1,1-Trichloroethane	4.611	97	272740m	52.15	ug/L	
31) Carbon tetrachloride	4.833	117	244429	51.94	ug/L	100
33) Benzene	5.103	78	631944	53.06	ug/L	100
34) Trichloroethene	5.920	95	175082	51.15	ug/L	84
35) Methylcyclohexane	6.135	83	239606	48.85	ug/L	87
37) 1,2-Dichloropropane	6.177	63	154892	54.09	ug/L #	95
38) Bromodichloromethane	6.511	83	223226	53.86	ug/L	100
39) cis-1,3-Dichloropropene	7.029	75	258302	54.75	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	380851	109.54	ug/L #	87
42) Toluene	7.392	91	698478	52.32	ug/L	98
44) trans-1,3-Dichloropropene	7.653	75	248517	53.95	ug/L	99
45) 1,1,2-Trichloroethane	7.843	97	172780	51.97	ug/L	95
46) Tetrachloroethene	7.978	164	171214	49.90	ug/L	89
48) 2-Hexanone	8.142	43	287419	106.42	ug/L #	85
49) Dibromochloromethane	8.251	129	212535	54.02	ug/L	99
50) 1,2-Dibromoethane	8.354	107	195801	54.35	ug/L #	99
51) Chlorobenzene	8.884	112	501939	51.44	ug/L	92
52) Ethylbenzene	9.016	91	773708	51.32	ug/L	95
53) m,p-Xylene	9.142	106	313418	52.05	ug/L	90
54) o-xylene	9.547	106	309950	52.75	ug/L	89
55) Styrene	9.563	104	548286	53.86	ug/L	91
56) Isopropylbenzene	9.936	105	807897	51.78	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.244	83	266933	52.92	ug/L #	97
59) 1,2,3-Trichloropropane	10.277	75	213815	52.96	ug/L	98
61) Bromoform	9.736	173	179560	55.99	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	459464	52.55	ug/L	95
63) 1,4-Dichlorobenzene	11.276	146	463727	51.28	ug/L	95
65) 1,2-Dichlorobenzene	11.649	146	462691	53.04	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.434	75	61659	54.71	ug/L #	48
67) 1,3,5-Trichlorobenzene	12.653	180	396633	51.71	ug/L	96
68) 1,2,4-trichlorobenzene	13.267	180	366042	52.98	ug/L	95
69) Naphthalene	13.508	128	990837	57.92	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	364500	53.28	ug/L	96

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

