

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032321\
 Data File : VW020720.D
 Acq On : 23 Mar 2021 19:01
 Operator : SY/MD
 Sample : VBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Quant Time: Mar 24 04:55:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.641	114	392	50.00	ug/L	# 0.02
28) Chlorobenzene-d5	8.869	117	1438	50.00	ug/L	# 0.01
60) 1,4-Dichlorobenzene-d4	11.262	152	1768	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	1654	594.33	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 1188.66%#		
7) Chloroethane-d5	1.571	69	473	224.81	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 449.62%#		
11) 1,1-Dichloroethene-d2	2.111	63	2981	567.74	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 1135.48%#		
21) 2-Butanone-d5	3.924	46	54	29.82	ug/L	0.03
Spiked Amount 100.000	Range 40	- 130	Recovery	= 29.82%#		
24) Chloroform-d	4.355	84	604	109.19	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 218.38%#		
26) 1,2-Dichloroethane-d4	5.063	65	450	123.50	ug/L	0.03
Spiked Amount 50.000	Range 70	- 125	Recovery	= 247.00%#		
32) Benzene-d6	5.053	84	395	10.31	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 20.62%#		
36) 1,2-Dichloropropane-d6	6.072	67	150	12.75	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 25.50%#		
41) Toluene-d8	7.333	98	1819	50.98	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery	= 101.96%		
43) trans-1,3-Dichloroprop...	7.641	79	344	54.94	ug/L	0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	= 109.88%		
47) 2-Hexanone-d5	8.104	63	48	9.73	ug/L	0.01
Spiked Amount 100.000	Range 45	- 130	Recovery	= 9.73%#		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	1883	109.85	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 219.70%#		
64) 1,2-Dichlorobenzene-d4	11.635	152	4029	117.42	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 234.84%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2264	616.43	ug/L	89
3) Chloromethane	1.243	50	1441	491.48	ug/L	93
5) Vinyl chloride	1.313	62	1462	488.16	ug/L	83
6) Bromomethane	1.526	94	2130	1128.08	ug/L	87
8) Chloroethane	1.484	64	43	24.85	ug/L	85
9) Trichlorofluoromethane	1.757	101	1828	357.08	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	1827	742.52	ug/L #	90
12) 1,1-Dichloroethene	2.124	96	1520	664.45	ug/L #	61
13) Acetone	2.191	43	1735	1343.76	ug/L	83
14) Carbon disulfide	2.297	76	23839	3151.43	ug/L #	94
15) Methyl Acetate	2.429	43	71	26.34	ug/L #	53
16) Methylene chloride	2.510	84	20636	7396.97	ug/L	89
17) trans-1,2-Dichloroethene	2.770	96	3149	1200.45	ug/L	85
18) Methyl tert-butyl Ether	2.780	73	250	30.74	ug/L #	85
19) 1,1-Dichloroethane	3.191	63	274	56.22	ug/L #	72
20) cis-1,2-Dichloroethene	3.924	96	483	172.09	ug/L	70
22) 2-Butanone	3.937	43	152	80.43	ug/L	79
23) Bromochloromethane	4.236	128	48	31.77	ug/L #	1
25) Chloroform	4.365	83	96	18.52	ug/L	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.149	62	464	112.05	ug/L #	76
29) Cyclohexane	4.686	56	2070	127.27	ug/L #	75
30) 1,1,1-Trichloroethane	4.616	97	640	35.99	ug/L #	63
31) Carbon tetrachloride	4.837	117	329	20.71	ug/L #	1
33) Benzene	5.117	78	2067	52.12	ug/L	100
34) Trichloroethene	5.931	95	1584	145.69	ug/L #	79
35) Methylcyclohexane	6.136	83	2813	168.62	ug/L	92
37) 1,2-Dichloropropane	6.178	63	238	22.88	ug/L #	86
38) Bromodichloromethane	6.516	83	198	13.56	ug/L #	42
39) cis-1,3-Dichloropropene	7.050	75	486	30.27	ug/L #	82
40) 4-Methyl-2-pentanone	7.233	43	34	2.44	ug/L #	43
42) Toluene	7.410	91	2130	49.41	ug/L	88
44) trans-1,3-Dichloropropene	7.670	75	473	29.25	ug/L	89
45) 1,1,2-Trichloroethane	7.850	97	518	50.62	ug/L #	69
46) Tetrachloroethene	7.985	164	1936	213.32	ug/L	77
48) 2-Hexanone	8.152	43	92	8.64	ug/L #	1
49) Dibromochloromethane	8.249	129	189	15.86	ug/L	90
50) 1,2-Dibromoethane	8.361	107	718	65.52	ug/L #	55
51) Chlorobenzene	8.902	112	3443	118.98	ug/L #	87
52) Ethylbenzene	9.027	91	4371	88.85	ug/L	84
53) m,p-Xylene	9.152	106	2259	123.45	ug/L	72
54) o-xylene	9.554	106	919	52.11	ug/L	81
55) Styrene	9.577	104	2414	77.90	ug/L	96
56) Isopropylbenzene	9.940	105	5000	102.95	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.249	83	1746	104.61	ug/L #	85
59) 1,2,3-Trichloropropane	10.281	75	1782	131.20	ug/L	98
61) Bromoform	9.741	173	783	39.01	ug/L #	87
62) 1,3-Dichlorobenzene	11.194	146	5864	108.69	ug/L	94
63) 1,4-Dichlorobenzene	11.284	146	6757	120.42	ug/L	95
65) 1,2-Dichlorobenzene	11.651	146	6415	120.65	ug/L #	89
66) 1,2-Dibromo-3-chloropr...	12.442	75	1576	175.31	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.654	180	12005	287.05	ug/L	93
68) 1,2,4-trichlorobenzene	13.271	180	13889	391.68	ug/L	98
69) Naphthalene	13.512	128	39433	388.51	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	16996	478.62	ug/L	98

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

