

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033518.D
 Acq On : 20 Dec 2023 17:37
 Operator : SY/MD
 Sample : 05927-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3P3

Quant Time: Dec 21 01:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.574	114	118	50.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.802	117	418	50.000	ug/L	# 0.02
58) 1,4-Dichlorobenzene-d4	11.201	152	907	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	281	309.231	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	618.460%#	
7) Chloroethane-d5	1.535	69	100	122.626	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	245.260%#	
11) 1,1-Dichloroethene-d2	2.060	65	143	316.127	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	632.260%#	
21) 2-Butanone-d5	3.783	46	62	135.378	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	135.380%#	
24) Chloroform-d	4.268	84	67	37.274	ug/L	0.02
Spiked Amount 50.000	Range 70	- 125	Recovery	=	74.540%	
26) 1,2-Dichloroethane-d4	4.944	65	94	85.128	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	170.260%#	
32) Benzene-d6	4.986	84	98	8.705	ug/L	0.03
Spiked Amount 50.000	Range 70	- 125	Recovery	=	17.400%#	
36) 1,2-Dichloropropane-d6	6.027	67	75	21.950	ug/L	0.04
Spiked Amount 50.000	Range 70	- 120	Recovery	=	43.900%#	
41) Toluene-d8	7.272	98	326	31.646	ug/L	0.03
Spiked Amount 50.000	Range 80	- 120	Recovery	=	63.300%#	
43) trans-1,3-Dichloroprop...	7.632	79	41	24.484	ug/L	0.08
Spiked Amount 50.000	Range 60	- 125	Recovery	=	48.960%#	
47) 2-Hexanone-d5	7.989	63	47	40.897	ug/L	-0.03
Spiked Amount 100.000	Range 45	- 130	Recovery	=	40.900%#	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	70	14.254	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	28.500%#	
66) 1,2-Dichlorobenzene-d4	11.574	152	810	47.524	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.378	85	20	20.630	ug/L	# 1
3) Chloromethane	1.169	50	325	364.138	ug/L	# 88
5) Vinyl chloride	1.285	62	363	379.389	ug/L	# 48
6) Bromomethane	1.690	94	41	59.863	ug/L	# 85
8) Chloroethane	1.597	64	196	303.438	ug/L	# 92
9) Trichlorofluoromethane	1.889	101	43	25.629	ug/L	# 59
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	43	43.930	ug/L	# 46
12) 1,1-Dichloroethene	2.069	96	70	84.182	ug/L	# 78
13) Acetone	2.114	43	759	1427.740	ug/L	# 60
14) Carbon disulfide	2.240	76	168	79.061	ug/L	# 29
15) Methyl Acetate	2.371	43	108	142.250	ug/L	# 49
16) Methylene chloride	2.445	84	73	78.604	ug/L	# 40
17) trans-1,2-Dichloroethene	2.680	96	48	61.071	ug/L	# 1
18) Methyl tert-butyl Ether	2.719	73	63	26.395	ug/L	# 1
19) 1,1-Dichloroethane	3.101	63	93	61.737	ug/L	# 51
20) cis-1,2-Dichloroethene	3.828	96	2069	2321.730	ug/L	# 84
22) 2-Butanone	3.957	43	115	219.571	ug/L	# 77
23) Bromochloromethane	4.378	128	45	92.126	ug/L	# 1
25) Chloroform	4.336	83	41	24.185	ug/L	# 17

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27) 1,2-Dichloroethane	5.040	62	62	47.446	ug/L #	73
29) Cyclohexane	4.580	56	125	33.179	ug/L #	17
30) 1,1,1-Trichloroethane	4.474	97	42	8.138	ug/L #	1
33) Benzene	5.034	78	193	17.323	ug/L	100
34) Trichloroethene	5.847	95	132	43.186	ug/L #	69
35) Methylcyclohexane	6.130	83	41	9.352	ug/L #	37
37) 1,2-Dichloropropane	5.966	63	97	32.104	ug/L #	86
38) Bromodichloromethane	6.532	83	68	15.637	ug/L #	25
39) cis-1,3-Dichloropropene	7.140	75	72	16.380	ug/L #	43
40) 4-Methyl-2-pentanone	7.149	43	110	34.115	ug/L #	1
44) trans-1,3-Dichloropropene	7.603	75	46	10.429	ug/L #	43
46) Tetrachloroethene	7.902	164	160	66.992	ug/L	85
48) 2-Hexanone	8.063	43	166	61.726	ug/L #	67
49) Dibromochloromethane	7.908	129	235	70.570	ug/L #	11
51) Chlorobenzene	8.831	112	769	90.363	ug/L #	85
52) Ethylbenzene	8.972	91	241	18.326	ug/L #	44
53) m,p-Xylene	9.021	106	68	13.763	ug/L #	1
55) Styrene	9.275	104	44	5.197	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.107	83	65	13.439	ug/L #	51
60) Isopropylbenzene	10.419	105	41	0.796	ug/L #	1
61) 1,2,3-Trichloropropane	10.201	75	46	3.164	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.419	105	41	1.050	ug/L #	15
63) 1,2,4-Trimethylbenzene	11.304	105	42	1.036	ug/L #	31
64) 1,3-Dichlorobenzene	11.217	146	142	5.305	ug/L #	51
65) 1,4-Dichlorobenzene	11.217	146	142	4.929	ug/L #	52
67) 1,2-Dichlorobenzene	11.590	146	445	15.971	ug/L #	54
69) 1,3,5-Trichlorobenzene	13.210	180	95	5.132	ug/L #	61
70) 1,2,4-trichlorobenzene	13.210	180	95	5.870	ug/L #	65
71) Naphthalene	13.471	128	247	5.673	ug/L #	69

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

