

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060823\
 Data File : VW031459.D
 Acq On : 08 Jun 2023 19:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050363

Quant Time: Jun 09 05:13:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 05:07:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	253815	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	255107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	151599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79851	35.757	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.520%		
7) Chloroethane-d5	1.532	69	72935	40.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.680%		
11) 1,1-Dichloroethene-d2	2.063	65	41727	39.425	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.860%		
21) 2-Butanone-d5	3.796	46	153991	95.416	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.420%		
24) Chloroform-d	4.256	84	198577	46.748	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.500%		
26) 1,2-Dichloroethane-d4	4.947	65	130319	45.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.460%		
32) Benzene-d6	4.966	84	334993	44.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.960%		
36) 1,2-Dichloropropane-d6	5.995	67	119884	45.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.580%		
41) Toluene-d8	7.249	98	316780	45.785	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.580%		
43) trans-1,3-Dichloroprop...	7.558	79	57899	43.905	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.800%		
47) 2-Hexanone-d5	8.030	63	93935	95.266	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.270%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	160069	48.449	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.900%		
66) 1,2-Dichlorobenzene-d4	11.567	152	127673	45.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	51170	50.273	ug/L	97
3) Chloromethane	1.217	50	39956	48.373	ug/L	99
5) Vinyl chloride	1.285	62	49530	50.260	ug/L	98
6) Bromomethane	1.487	94	30000	50.649	ug/L	97
8) Chloroethane	1.548	64	41488	52.252	ug/L	95
9) Trichlorofluoromethane	1.715	101	126271	53.084	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	78951	51.324	ug/L	97
12) 1,1-Dichloroethene	2.072	96	51731	51.089	ug/L	87
13) Acetone	2.124	43	110574	76.587	ug/L	98
14) Carbon disulfide	2.243	76	38712	44.695	ug/L	99
15) Methyl Acetate	2.378	43	116428	53.403	ug/L	98
16) Methylene chloride	2.452	84	78939	51.646	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	49605	51.671	ug/L	96
18) Methyl tert-butyl Ether	2.709	73	308645	52.304	ug/L	100
19) 1,1-Dichloroethane	3.114	63	176127	53.037	ug/L	97
20) cis-1,2-Dichloroethene	3.821	96	81587	52.272	ug/L	95
22) 2-Butanone	3.876	43	168816	95.136	ug/L	99
23) Bromochloromethane	4.153	128	44127	53.763	ug/L	93
25) Chloroform	4.284	83	200347	54.103	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	151694	56.101	ug/L	99
29) Cyclohexane	4.590	56	65581	47.999	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	161707	53.701	ug/L	98
31) Carbon tetrachloride	4.741	117	133475	53.358	ug/L	99
33) Benzene	5.018	78	308334	54.777	ug/L	100
34) Trichloroethene	5.837	95	94362	53.209	ug/L	99
35) Methylcyclohexane	6.056	83	75793	49.971	ug/L	96
37) 1,2-Dichloropropane	6.098	63	115509	57.011	ug/L	100
38) Bromodichloromethane	6.439	83	159197	53.685	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	156118	51.575	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	368348	111.917	ug/L	100
42) Toluene	7.320	91	354066	56.197	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	163414	53.225	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	115785	55.288	ug/L	99
46) Tetrachloroethene	7.911	164	60447	52.504	ug/L	98
48) 2-Hexanone	8.082	43	285470	110.809	ug/L	98
49) Dibromochloromethane	8.181	129	122743	53.729	ug/L	98
50) 1,2-Dibromoethane	8.288	107	109835	54.478	ug/L	98
51) Chlorobenzene	8.818	112	253282	52.870	ug/L	97
52) Ethylbenzene	8.953	91	419347	53.480	ug/L	100
53) m,p-Xylene	9.078	106	152362	53.920	ug/L	98
54) o-Xylene	9.484	106	152665	53.557	ug/L	98
55) Styrene	9.500	104	301633	58.041	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	169578	52.824	ug/L	98
59) Bromoform	9.670	173	101157	52.076	ug/L	100
60) Isopropylbenzene	9.873	105	457209	52.779	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	160627	52.340	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	376669	52.650	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	383778	53.592	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	228977	51.640	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	240290	51.235	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	233567	51.385	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	42092	51.746	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	169094	49.533	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	143645	49.323	ug/L	99
71) Naphthalene	13.445	128	356477	44.659	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	148539	50.884	ug/L	99

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

