

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100323\
 Data File : VW032215.D
 Acq On : 03 Oct 2023 14:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050311

Quant Time: Oct 04 04:07:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 04 04:04:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	178275	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176443	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	93135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63410	57.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.960%
7) Chloroethane-d5	1.529	69	57682	60.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.240%
11) 1,1-Dichloroethene-d2	2.056	65	25909	53.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.560%
21) 2-Butanone-d5	3.783	46	107005	107.867	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.870%
24) Chloroform-d	4.249	84	128843	55.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.620%
26) 1,2-Dichloroethane-d4	4.940	65	80881	58.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.460%
32) Benzene-d6	4.960	84	253208	54.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.180%
36) 1,2-Dichloropropane-d6	5.989	67	85382	55.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.320%
41) Toluene-d8	7.243	98	222945	52.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.380%
43) trans-1,3-Dichloroprop...	7.554	79	39038	53.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.040%
47) 2-Hexanone-d5	8.024	63	68054	101.814	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.810%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	118107	53.649	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.300%
66) 1,2-Dichlorobenzene-d4	11.564	152	86914	51.460	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	56840	37.652	ug/L	97
3) Chloromethane	1.214	50	84946	51.891	ug/L	97
5) Vinyl chloride	1.281	62	73459	45.558	ug/L	98
6) Bromomethane	1.481	94	52848	57.764	ug/L	99
8) Chloroethane	1.545	64	52075	51.881	ug/L	98
9) Trichlorofluoromethane	1.712	101	86994	42.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	53666	43.004	ug/L	99
12) 1,1-Dichloroethene	2.069	96	53649	46.463	ug/L	98
13) Acetone	2.111	43	89199	96.116	ug/L	100
14) Carbon disulfide	2.240	76	162720	44.035	ug/L	100
15) Methyl Acetate	2.371	43	95508	57.685	ug/L	99
16) Methylene chloride	2.445	84	79352	54.431	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	63012	48.411	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	247440	56.821	ug/L	99
19) 1,1-Dichloroethane	3.111	63	136742	53.579	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	77546	52.912	ug/L	99
22) 2-Butanone	3.863	43	122826	98.582	ug/L	100
23) Bromochloromethane	4.146	128	41444	56.460	ug/L	97
25) Chloroform	4.275	83	135378	54.340	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	104802	55.657	ug/L	100
29) Cyclohexane	4.580	56	88980	36.124	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	100915	45.867	ug/L	99
31) Carbon tetrachloride	4.735	117	80897	42.575	ug/L	99
33) Benzene	5.011	78	284972	50.632	ug/L	100
34) Trichloroethene	5.831	95	74292	47.945	ug/L	98
35) Methylcyclohexane	6.050	83	92086	37.170	ug/L	98
37) 1,2-Dichloropropane	6.091	63	79455	51.449	ug/L	100
38) Bromodichloromethane	6.432	83	104416	53.786	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	126306	51.572	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	252342	109.633	ug/L	100
42) Toluene	7.317	91	288733	48.050	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	116162	51.792	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	80657	54.752	ug/L	98
46) Tetrachloroethene	7.905	164	47832	42.479	ug/L	99
48) 2-Hexanone	8.075	43	191160	106.315	ug/L	98
49) Dibromochloromethane	8.178	129	78401	53.527	ug/L	100
50) 1,2-Dibromoethane	8.284	107	85566	54.549	ug/L	98
51) Chlorobenzene	8.815	112	185059	47.731	ug/L	99
52) Ethylbenzene	8.947	91	299755	44.659	ug/L	99
53) m,p-Xylene	9.075	106	112902	45.146	ug/L	100
54) o-Xylene	9.480	106	114419	46.444	ug/L	98
55) Styrene	9.496	104	206590	49.153	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	120558	52.521	ug/L	100
59) Bromoform	9.667	173	57952	55.997	ug/L	99
60) Isopropylbenzene	9.869	105	285951	44.113	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	100400	55.456	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	236139	44.339	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	236125	45.075	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	140792	46.458	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	144087	47.068	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	145407	48.781	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	25819	51.650	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	97796	44.567	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	93681	45.395	ug/L	99
71) Naphthalene	13.442	128	306269	45.053	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	96894	47.255	ug/L	99

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

