

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092523\
 Data File : VW032170.D
 Acq On : 25 Sep 2023 13:49
 Operator : SY/MD
 Sample : VSTD10070
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100270

Quant Time: Sep 26 01:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	244139	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	238157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	129431	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156295	102.876	ug/L	0.00
7) Chloroethane-d5	1.526	69	133920	100.060	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	67416	95.733	ug/L	0.00
21) 2-Butanone-d5	3.783	46	295314	236.835	ug/L	0.00
24) Chloroform-d	4.249	84	329262	99.227	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	199362	91.873	ug/L	0.00
32) Benzene-d6	4.960	84	644911	99.785	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	213459	100.906	ug/L	0.00
41) Toluene-d8	7.246	98	587501	98.565	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	105822	98.591	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	200531	283.459	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	306011	109.788	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	235529	99.568	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	209193	130.015	ug/L	99
3) Chloromethane	1.214	50	227480	137.345	ug/L	99
5) Vinyl chloride	1.282	62	226196	131.090	ug/L	99
6) Bromomethane	1.475	94	135898	132.393	ug/L	100
8) Chloroethane	1.542	64	140874	124.651	ug/L	98
9) Trichlorofluoromethane	1.709	101	287500	117.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	173525	117.533	ug/L	99
12) 1,1-Dichloroethene	2.066	96	161558	120.974	ug/L	95
13) Acetone	2.111	43	250825	228.490	ug/L	100
14) Carbon disulfide	2.240	76	524515	158.313	ug/L	99
15) Methyl Acetate	2.372	43	236095	118.312	ug/L	100
16) Methylene chloride	2.446	84	198301	115.743	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	180845	123.104	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	616565	103.346	ug/L	99
19) 1,1-Dichloroethane	3.111	63	361995	112.456	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	208298	114.860	ug/L	98
22) 2-Butanone	3.864	43	351089	240.171	ug/L	96
23) Bromochloromethane	4.146	128	103937	117.500	ug/L	96
25) Chloroform	4.278	83	350803	106.506	ug/L	100
27) 1,2-Dichloroethane	5.044	62	264078	102.221	ug/L	100
29) Cyclohexane	4.584	56	340770	129.113	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	301957	107.975	ug/L	100
31) Carbon tetrachloride	4.738	117	260525	109.079	ug/L	99
33) Benzene	5.011	78	775133	116.454	ug/L	100
34) Trichloroethene	5.835	95	212187	107.582	ug/L	100
35) Methylcyclohexane	6.053	83	337098	123.260	ug/L	99
37) 1,2-Dichloropropane	6.095	63	215523	117.261	ug/L	99
38) Bromodichloromethane	6.436	83	269990	104.469	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	349315	109.738	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	650289	221.157	ug/L	100
42) Toluene	7.317	91	826111	114.117	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	320148	105.421	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	198513	106.006	ug/L	98
46) Tetrachloroethene	7.908	164	152908	119.649	ug/L	100
48) 2-Hexanone	8.079	43	499785	222.777	ug/L	99
49) Dibromochloromethane	8.182	129	207156	108.769	ug/L	99
50) 1,2-Dibromoethane	8.285	107	215506	109.401	ug/L	98
51) Chlorobenzene	8.815	112	528203	110.508	ug/L	99
52) Ethylbenzene	8.950	91	924910	109.159	ug/L	99
53) m,p-Xylene	9.076	106	344011	109.599	ug/L	100
54) o-Xylene	9.481	106	337296	108.245	ug/L	99
55) Styrene	9.500	104	591706	107.907	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	315433	115.884	ug/L	100
59) Bromoform	9.667	173	153585	112.457	ug/L	98
60) Isopropylbenzene	9.870	105	916572	105.029	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	252053	101.736	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	761958	104.098	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	751396	102.457	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	419356	106.501	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	422752	105.750	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	414428	105.943	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	73981	101.926	ug/L	100
69) 1,3,5-Trichlorobenzene	12.587	180	303769	106.504	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	290094	106.323	ug/L	99
71) Naphthalene	13.442	128	965709	110.323	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	289511	109.602	ug/L	99

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

