

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028488.D
 Acq On : 09 Oct 2022 16:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050355

Quant Time: Oct 10 05:28:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 10 05:21:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	342598	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	313321	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	158905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132467	50.110	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 100.220%		
7) Chloroethane-d5	1.564	69	99658	47.545	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 95.080%		
11) 1,1-Dichloroethene-d2	2.105	63	215283	47.851	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 95.700%		
21) 2-Butanone-d5	3.899	46	231439	100.011	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 100.010%		
24) Chloroform-d	4.342	84	255775	52.756	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 105.520%		
26) 1,2-Dichloroethane-d4	5.027	65	170854	54.642	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.280%		
32) Benzene-d6	5.043	84	518606	51.655	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103.300%		
36) 1,2-Dichloropropane-d6	6.063	67	160467	49.021	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 98.040%		
41) Toluene-d8	7.310	98	463219	51.533	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 103.060%		
43) trans-1,3-Dichloroprop...	7.616	79	86753	51.995	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.000%		
47) 2-Hexanone-d5	8.085	63	171691	96.419	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 96.420%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	213983	47.771	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 95.540%		
66) 1,2-Dichlorobenzene-d4	11.615	152	173169	52.593	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 105.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	125646	48.709	ug/L	99
3) Chloromethane	1.240	50	120805	41.600	ug/L	99
5) Vinyl chloride	1.307	62	121488	41.687	ug/L	100
6) Bromomethane	1.519	94	60188	45.294	ug/L	98
8) Chloroethane	1.584	64	93277	52.726	ug/L	93
9) Trichlorofluoromethane	1.751	101	181514	50.398	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	94525	46.308	ug/L	95
12) 1,1-Dichloroethene	2.114	96	93591	46.705	ug/L	96
13) Acetone	2.195	43	145996	81.443	ug/L	75
14) Carbon disulfide	2.288	76	311352	48.584	ug/L	99
15) Methyl Acetate	2.436	43	158651	52.418	ug/L	97
16) Methylene chloride	2.503	84	136471	52.406	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	118344	50.632	ug/L	93
18) Methyl tert-butyl Ether	2.764	73	466499	54.292	ug/L	99
19) 1,1-Dichloroethane	3.185	63	235502	49.323	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	139087	52.235	ug/L	95
22) 2-Butanone	3.982	43	227805	96.397	ug/L	94
23) Bromochloromethane	4.243	128	71248	55.060	ug/L	92
25) Chloroform	4.368	83	240814	51.662	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	193962	54.309	ug/L	100
29) Cyclohexane	4.670	56	206455	45.811	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	211439	52.238	ug/L	99
31) Carbon tetrachloride	4.822	117	178916	52.805	ug/L	99
33) Benzene	5.095	78	520192	50.480	ug/L	100
34) Trichloroethene	5.908	95	125272	49.004	ug/L	96
35) Methylcyclohexane	6.127	83	207365	46.658	ug/L	97
37) 1,2-Dichloropropane	6.169	63	137903	49.916	ug/L	100
38) Bromodichloromethane	6.503	83	186470	51.807	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	216946	49.361	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	455773	96.729	ug/L	98
42) Toluene	7.381	91	535205	50.388	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	217392	51.537	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	132794	51.895	ug/L	96
46) Tetrachloroethene	7.969	164	95879	52.197	ug/L	97
48) 2-Hexanone	8.137	43	346998	95.929	ug/L	99
49) Dibromochloromethane	8.239	129	145488	52.894	ug/L	99
50) 1,2-Dibromoethane	8.345	107	134411	50.729	ug/L	100
51) Chlorobenzene	8.876	112	337435	50.635	ug/L	97
52) Ethylbenzene	9.005	91	575788	49.736	ug/L	99
53) m,p-Xylene	9.130	106	221505	50.479	ug/L	96
54) o-Xylene	9.535	106	222443	50.628	ug/L	99
55) Styrene	9.554	104	377720	50.060	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	214669	48.986	ug/L	100
59) Bromoform	9.725	173	102533	52.105	ug/L	99
60) Isopropylbenzene	9.924	105	585582	51.140	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	169601	50.135	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	510577	51.484	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	502076	51.005	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	262251	52.364	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	258194	51.666	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	264275	52.283	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	53630	51.805	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	200394	52.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	183024	54.590	ug/L	99
71) Naphthalene	13.490	128	628769	60.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	187041	57.220	ug/L	99

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

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