

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028465.D
 Acq On : 09 Oct 2022 02:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: Oct 10 02:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	380701	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	342468	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	176712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	116936	39.808	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.620%		
7) Chloroethane-d5	1.564	69	94965	40.771	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.540%		
11) 1,1-Dichloroethene-d2	2.105	63	215733	43.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.300%		
21) 2-Butanone-d5	3.895	46	204983	79.713	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.710%		
24) Chloroform-d	4.342	84	256100	47.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.080%		
26) 1,2-Dichloroethane-d4	5.027	65	161807	46.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.140%		
32) Benzene-d6	5.043	84	513871	46.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.660%		
36) 1,2-Dichloropropane-d6	6.066	67	162638	45.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.920%		
41) Toluene-d8	7.310	98	465704	47.400	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.800%		
43) trans-1,3-Dichloroprop...	7.616	79	81212	44.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.060%		
47) 2-Hexanone-d5	8.085	63	164544	84.541	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.540%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	210527	42.999	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.000%		
66) 1,2-Dichlorobenzene-d4	11.615	152	174825	47.746	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	145689	50.826	ug/L	100
3) Chloromethane	1.240	50	145821	45.189	ug/L	99
5) Vinyl chloride	1.310	62	147410	45.520	ug/L	100
6) Bromomethane	1.519	94	67491	45.706	ug/L	99
8) Chloroethane	1.584	64	87053m	44.283	ug/L	
9) Trichlorofluoromethane	1.751	101	204777	51.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	104283	45.976	ug/L	96
12) 1,1-Dichloroethene	2.114	96	106832	47.977	ug/L	94
13) Acetone	2.188	43	148489m	74.543	ug/L	
14) Carbon disulfide	2.291	76	355912	49.978	ug/L	100
15) Methyl Acetate	2.436	43	147406	43.828	ug/L	100
16) Methylene chloride	2.503	84	147447	50.954	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	131854	50.766	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	492752	51.608	ug/L	99
19) 1,1-Dichloroethane	3.185	63	265464	50.033	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	152588	51.570	ug/L	94
22) 2-Butanone	3.979	43	228529	87.025	ug/L	99
23) Bromochloromethane	4.243	128	74737	51.975	ug/L	93
25) Chloroform	4.368	83	264198	51.006	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	205484	51.777	ug/L	99
29) Cyclohexane	4.670	56	237777	48.271	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	238214	53.844	ug/L	98
31) Carbon tetrachloride	4.821	117	202608	54.708	ug/L	98
33) Benzene	5.095	78	572634	50.840	ug/L	100
34) Trichloroethene	5.908	95	139267	49.842	ug/L	96
35) Methylcyclohexane	6.127	83	236180	48.619	ug/L	97
37) 1,2-Dichloropropane	6.169	63	144980	48.011	ug/L	99
38) Bromodichloromethane	6.503	83	201348	51.180	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	237676	49.475	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	482427	93.672	ug/L	99
42) Toluene	7.381	91	598913	51.587	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	225137	48.831	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	139767	49.971	ug/L	98
46) Tetrachloroethene	7.969	164	105868	52.730	ug/L	98
48) 2-Hexanone	8.133	43	357118	90.325	ug/L	100
49) Dibromochloromethane	8.239	129	153812	51.161	ug/L	98
50) 1,2-Dibromoethane	8.345	107	144874	50.025	ug/L	100
51) Chlorobenzene	8.873	112	370067	50.805	ug/L	98
52) Ethylbenzene	9.005	91	653908	51.676	ug/L	99
53) m,p-Xylene	9.130	106	246324	51.358	ug/L	98
54) o-Xylene	9.535	106	245980	51.220	ug/L	99
55) Styrene	9.554	104	419431	50.858	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	226343	47.254	ug/L	99
59) Bromoform	9.725	173	108661	49.655	ug/L	100
60) Isopropylbenzene	9.924	105	651478	51.162	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	179439	47.698	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	562967	51.046	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	553660	50.577	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	287898	51.692	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	283685	51.047	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	290636	51.704	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	54939	47.722	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	221290	52.313	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	199746	53.574	ug/L	100
71) Naphthalene	13.490	128	665404	57.379	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	199066	54.762	ug/L	98

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

