

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028427.D
 Acq On : 07 Oct 2022 23:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050350

Quant Time: Oct 07 23:52:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:51:49 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	5.613	114	398036	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	358554	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	186410	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127064	41.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.740%		
7) Chloroethane-d5	1.565	69	105422	43.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.580%		
11) 1,1-Dichloroethene-d2	2.105	63	221058	42.291	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.580%		
21) 2-Butanone-d5	3.899	46	282887	105.218	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.220%		
24) Chloroform-d	4.343	84	273936	48.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.260%		
26) 1,2-Dichloroethane-d4	5.027	65	180832	49.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.560%		
32) Benzene-d6	5.043	84	552875	48.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
36) 1,2-Dichloropropane-d6	6.066	67	180717	48.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.480%		
41) Toluene-d8	7.310	98	499920	48.600	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.200%		
43) trans-1,3-Dichloroprop...	7.616	79	91206	47.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.540%		
47) 2-Hexanone-d5	8.085	63	204736	100.472	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.470%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	245243	47.843	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.680%		
66) 1,2-Dichlorobenzene-d4	11.616	152	187976	48.666	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	141366	47.170	ug/L	99
3) Chloromethane	1.240	50	146691	43.479	ug/L	98
5) Vinyl chloride	1.307	62	144702	42.737	ug/L	99
6) Bromomethane	1.520	94	61390	39.764	ug/L	99
8) Chloroethane	1.584	64	86760	42.212	ug/L	97
9) Trichlorofluoromethane	1.751	101	194134	46.395	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	98356	41.474	ug/L	96
12) 1,1-Dichloroethene	2.114	96	99607	42.784	ug/L	96
13) Acetone	2.208	43	161844m	77.709	ug/L	
14) Carbon disulfide	2.288	76	334815	44.968	ug/L	100
15) Methyl Acetate	2.436	43	167261	47.566	ug/L	99
16) Methylene chloride	2.503	84	139565	46.130	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	122059	44.948	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	471509	47.232	ug/L	99
19) 1,1-Dichloroethane	3.185	63	251808	45.393	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	143910	46.519	ug/L	97
22) 2-Butanone	3.989	43	250942	91.398	ug/L	97
23) Bromochloromethane	4.243	128	72120	47.971	ug/L	96
25) Chloroform	4.368	83	253732	46.852	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	195708	47.166	ug/L	100
29) Cyclohexane	4.671	56	229026	44.409	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	226733	48.950	ug/L	99
31) Carbon tetrachloride	4.822	117	188822	48.698	ug/L	99
33) Benzene	5.095	78	542610	46.013	ug/L	100
34) Trichloroethene	5.908	95	134034	45.817	ug/L	97
35) Methylcyclohexane	6.124	83	225095	44.258	ug/L	99
37) 1,2-Dichloropropane	6.169	63	144975	45.856	ug/L	100
38) Bromodichloromethane	6.503	83	192750	46.796	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	231941	46.116	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	496112	92.008	ug/L	99
42) Toluene	7.381	91	583709	48.021	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	220089	45.594	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	134653	45.983	ug/L	98
46) Tetrachloroethene	7.969	164	101004	48.051	ug/L	96
48) 2-Hexanone	8.137	43	371010	89.628	ug/L	98
49) Dibromochloromethane	8.240	129	146092	46.413	ug/L	99
50) 1,2-Dibromoethane	8.346	107	138358	45.631	ug/L	97
51) Chlorobenzene	8.876	112	353907	46.407	ug/L	98
52) Ethylbenzene	9.005	91	622241	46.968	ug/L	99
53) m,p-Xylene	9.130	106	232933	46.387	ug/L	97
54) o-Xylene	9.535	106	233714	46.483	ug/L	99
55) Styrene	9.555	104	406823	47.116	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	222640	44.395	ug/L	99
59) Bromoform	9.725	173	107331	46.495	ug/L	99
60) Isopropylbenzene	9.924	105	619319	46.106	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	178136	44.888	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	532963	45.812	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	525378	45.497	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	267109	45.464	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	267862	45.692	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	272450	45.947	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	55867	46.003	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	203366	45.575	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	180542	45.904	ug/L	99
71) Naphthalene	13.490	128	563769	46.086	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	181546	47.344	ug/L	99

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

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