

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028402.D
 Acq On : 07 Oct 2022 12:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050349

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 23:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:36:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	448661	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	411429	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	210674	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	152534	44.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.120%		
7) Chloroethane-d5	1.561	69	125477	45.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.420%		
11) 1,1-Dichloroethene-d2	2.102	63	268195	45.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.040%		
21) 2-Butanone-d5	3.892	46	300397	99.123	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.120%		
24) Chloroform-d	4.339	84	308705	48.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
26) 1,2-Dichloroethane-d4	5.024	65	197831	48.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.620%		
32) Benzene-d6	5.040	84	626928	47.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.100%		
36) 1,2-Dichloropropane-d6	6.063	67	207637	48.306	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.620%		
41) Toluene-d8	7.310	98	567565	48.085	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.160%		
43) trans-1,3-Dichloroprop...	7.616	79	108501	49.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.040%		
47) 2-Hexanone-d5	8.082	63	235225	100.599	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.600%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	284199	48.317	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.640%		
66) 1,2-Dichlorobenzene-d4	11.616	152	211787	48.516	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.124	85	151692	44.905	ug/L	100
3) Chloromethane	1.237	50	168685	44.356	ug/L	100
5) Vinyl chloride	1.304	62	171972	45.060	ug/L	99
6) Bromomethane	1.516	94	87185	50.100	ug/L	100
8) Chloroethane	1.581	64	106564	45.997	ug/L	99
9) Trichlorofluoromethane	1.748	101	215388	45.666	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	121327	45.388	ug/L	97
12) 1,1-Dichloroethene	2.111	96	120850	46.051	ug/L	96
13) Acetone	2.185	43	199226m	84.864	ug/L	
14) Carbon disulfide	2.288	76	396413	47.234	ug/L	100
15) Methyl Acetate	2.433	43	181768	45.858	ug/L	99
16) Methylene chloride	2.500	84	160109	46.949	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	140202	45.804	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	530861	47.177	ug/L	100
19) 1,1-Dichloroethane	3.182	63	288495	46.138	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	161478	46.308	ug/L	100
22) 2-Butanone	3.976	43	299995	96.935	ug/L	93
23) Bromochloromethane	4.240	128	80154	47.299	ug/L	97
25) Chloroform	4.365	83	283622	46.462	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	218406	46.697	ug/L	99
29) Cyclohexane	4.667	56	267663	45.230	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	249140	46.875	ug/L	99
31) Carbon tetrachloride	4.822	117	211188	47.467	ug/L	97
33) Benzene	5.092	78	626376	46.290	ug/L	100
34) Trichloroethene	5.908	95	151361	45.091	ug/L	98
35) Methylcyclohexane	6.124	83	263671	45.180	ug/L	100
37) 1,2-Dichloropropane	6.169	63	164525	45.352	ug/L	100
38) Bromodichloromethane	6.503	83	221058	46.772	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	268697	46.558	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	586925	94.861	ug/L	99
42) Toluene	7.381	91	650497	46.638	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	265521	47.937	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	159600	47.498	ug/L	99
46) Tetrachloroethene	7.969	164	114178	47.337	ug/L	98
48) 2-Hexanone	8.133	43	447769	94.270	ug/L	99
49) Dibromochloromethane	8.240	129	168742	46.719	ug/L	98
50) 1,2-Dibromoethane	8.346	107	161878	46.527	ug/L	99
51) Chlorobenzene	8.873	112	404988	46.280	ug/L	100
52) Ethylbenzene	9.005	91	711843	46.826	ug/L	100
53) m,p-Xylene	9.130	106	268484	46.595	ug/L	96
54) o-Xylene	9.535	106	267242	46.320	ug/L	99
55) Styrene	9.551	104	465078	46.940	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	265419	46.124	ug/L	99
59) Bromoform	9.725	173	123487	47.333	ug/L	100
60) Isopropylbenzene	9.924	105	707112	46.579	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	210463	46.926	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	613273	46.644	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	608132	46.598	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	311338	46.889	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	307271	46.378	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	310759	46.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	66863	48.716	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	238072	47.208	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	215855	48.561	ug/L	98
71) Naphthalene	13.490	128	726087	52.518	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	218369	50.389	ug/L	99

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

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