

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101022\
 Data File : VV028509.D
 Acq On : 10 Oct 2022 20:56
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050356

Quant Time: Oct 11 02:58:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 11 02:53:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	316603	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	285250	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	152622	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114744	46.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.940%		
7) Chloroethane-d5	1.564	69	88063	45.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.920%		
11) 1,1-Dichloroethene-d2	2.104	63	197077	47.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.800%		
21) 2-Butanone-d5	3.899	46	156677	73.264	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.260%		
24) Chloroform-d	4.342	84	237123	52.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.840%		
26) 1,2-Dichloroethane-d4	5.027	65	156263	54.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.160%		
32) Benzene-d6	5.043	84	473350	51.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.580%		
36) 1,2-Dichloropropane-d6	6.066	67	141859	47.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.200%		
41) Toluene-d8	7.310	98	433231	52.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.880%		
43) trans-1,3-Dichloroprop...	7.616	79	76637	50.452	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.900%		
47) 2-Hexanone-d5	8.085	63	133815	82.544	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.540%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	178188	43.694	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.380%		
66) 1,2-Dichlorobenzene-d4	11.615	152	163739	51.776	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128544	53.924	ug/L	100
3) Chloromethane	1.240	50	103157	38.440	ug/L	99
5) Vinyl chloride	1.307	62	106930	39.704	ug/L	100
6) Bromomethane	1.519	94	49964	40.687	ug/L	99
8) Chloroethane	1.584	64	62712	38.360	ug/L	97
9) Trichlorofluoromethane	1.751	101	173920	52.255	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	84200	44.637	ug/L	92
12) 1,1-Dichloroethene	2.114	96	85280	46.052	ug/L	96
13) Acetone	2.198	43	105341m	63.589	ug/L	
14) Carbon disulfide	2.291	76	282837	47.758	ug/L	100
15) Methyl Acetate	2.436	43	106948	38.237	ug/L	92
16) Methylene chloride	2.503	84	118403	49.201	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	106963	49.520	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	399147	50.268	ug/L	98
19) 1,1-Dichloroethane	3.185	63	210215	47.642	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	122072	49.609	ug/L	95
22) 2-Butanone	3.985	43	151824	69.520	ug/L #	69
23) Bromochloromethane	4.243	128	61217	51.192	ug/L	86
25) Chloroform	4.368	83	218445	50.711	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	170421	51.636	ug/L	98
29) Cyclohexane	4.670	56	190055	46.322	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	200327	54.363	ug/L	98
31) Carbon tetrachloride	4.821	117	172458	55.908	ug/L	99
33) Benzene	5.095	78	459793	49.010	ug/L	100
34) Trichloroethene	5.908	95	114070	49.013	ug/L	97
35) Methylcyclohexane	6.127	83	196044	48.452	ug/L	96
37) 1,2-Dichloropropane	6.169	63	115855	46.062	ug/L	99
38) Bromodichloromethane	6.503	83	164370	50.161	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	199808	49.936	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	361997	84.387	ug/L	98
42) Toluene	7.381	91	490434	50.716	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	188939	49.200	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	113723	48.816	ug/L	97
46) Tetrachloroethene	7.969	164	90437	54.080	ug/L	97
48) 2-Hexanone	8.136	43	264661	80.367	ug/L	99
49) Dibromochloromethane	8.239	129	128602	51.356	ug/L	99
50) 1,2-Dibromoethane	8.345	107	113842	47.195	ug/L	100
51) Chlorobenzene	8.876	112	310984	51.258	ug/L	97
52) Ethylbenzene	9.005	91	537219	50.971	ug/L	99
53) m,p-Xylene	9.130	106	204266	51.131	ug/L	98
54) o-Xylene	9.535	106	203417	50.854	ug/L	98
55) Styrene	9.551	104	352186	51.270	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	174057	43.627	ug/L	99
59) Bromoform	9.725	173	90718	47.999	ug/L	99
60) Isopropylbenzene	9.924	105	546631	49.704	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	138185	42.530	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	476620	50.038	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	466758	49.369	ug/L	97
64) 1,3-Dichlorobenzene	11.172	146	248291	51.617	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	244262	50.890	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	249390	51.369	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	41997	42.238	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	193638	53.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	174142	54.079	ug/L	98
71) Naphthalene	13.490	128	498860	49.808	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	170411	54.279	ug/L	98

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

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