

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028777.D
 Acq On : 31 Oct 2022 13:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV275

Quant Time: Nov 01 04:38:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:34:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	488841	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	454067	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	224851	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	218342	47.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.240%		
7) Chloroethane-d5	1.561	69	187913	47.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.880%		
11) 1,1-Dichloroethene-d2	2.105	63	412265	46.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.540%		
21) 2-Butanone-d5	3.873	46	344203	102.037	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.040%		
24) Chloroform-d	4.342	84	329347	47.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.240%		
26) 1,2-Dichloroethane-d4	5.024	65	217731	47.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.200%		
32) Benzene-d6	5.043	84	677222	47.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.560%		
36) 1,2-Dichloropropane-d6	6.063	67	228216	46.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.800%		
41) Toluene-d8	7.310	98	598304	48.013	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.020%		
43) trans-1,3-Dichloroprop...	7.616	79	91828	49.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.260%		
47) 2-Hexanone-d5	8.082	63	226559	103.019	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.020%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	309770	48.272	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.540%		
66) 1,2-Dichlorobenzene-d4	11.615	152	206943	46.626	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	186948	52.001	ug/L	99
3) Chloromethane	1.240	50	298106	49.824	ug/L	99
5) Vinyl chloride	1.310	62	276100	50.237	ug/L	100
6) Bromomethane	1.519	94	147474	48.632	ug/L	96
8) Chloroethane	1.581	64	178195	50.492	ug/L	99
9) Trichlorofluoromethane	1.748	101	319222	48.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	181079	48.899	ug/L	99
12) 1,1-Dichloroethene	2.114	96	173905	47.697	ug/L	99
13) Acetone	2.162	43	342492	104.862	ug/L	98
14) Carbon disulfide	2.291	76	513747	50.515	ug/L	100
15) Methyl Acetate	2.426	43	281185	51.295	ug/L	99
16) Methylene chloride	2.503	84	208001	47.019	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	176851	50.146	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	605148	49.672	ug/L	100
19) 1,1-Dichloroethane	3.185	63	375467	48.862	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	194530	49.992	ug/L #	100
22) 2-Butanone	3.953	43	418549	104.312	ug/L	99
23) Bromochloromethane	4.240	128	92238	49.802	ug/L	97
25) Chloroform	4.368	83	347720	48.713	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	288380	49.470	ug/L	100
29) Cyclohexane	4.670	56	365245	50.412	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	282280	49.319	ug/L	98
31) Carbon tetrachloride	4.822	117	227384	49.724	ug/L	100
33) Benzene	5.095	78	798100	49.926	ug/L	100
34) Trichloroethene	5.908	95	184212	49.277	ug/L	98
35) Methylcyclohexane	6.127	83	332772	50.189	ug/L	99
37) 1,2-Dichloropropane	6.169	63	227640	51.468	ug/L	100
38) Bromodichloromethane	6.503	83	248762	49.508	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	310574	51.417	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	753957	102.499	ug/L	100
42) Toluene	7.381	91	810326	49.716	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	288039	51.568	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	184477	48.618	ug/L	98
46) Tetrachloroethene	7.969	164	129143	49.844	ug/L	99
48) 2-Hexanone	8.133	43	584993	104.423	ug/L	99
49) Dibromochloromethane	8.239	129	174204	49.596	ug/L	99
50) 1,2-Dibromoethane	8.346	107	192105	50.247	ug/L	97
51) Chlorobenzene	8.873	112	490681	49.164	ug/L	99
52) Ethylbenzene	9.005	91	879161	50.141	ug/L	100
53) m,p-Xylene	9.130	106	323925	50.652	ug/L	100
54) o-Xylene	9.535	106	321463	50.350	ug/L	98
55) Styrene	9.554	104	561238	51.260	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	335944	50.163	ug/L	100
59) Bromoform	9.725	173	112294	50.312	ug/L	99
60) Isopropylbenzene	9.924	105	860218	50.349	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	264970	49.595	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	727962	51.037	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	725247	51.111	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	362381	50.279	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	366717	49.937	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	359149	48.984	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	69047	50.727	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	258981	50.109	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	230426	52.098	ug/L	100
71) Naphthalene	13.490	128	831833	57.764	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	240162	53.646	ug/L	99

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

