

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026596.D
 Acq On : 29 Jun 2022 20:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV230

Quant Time: Jun 30 04:45:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 04:36:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	407468	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	393531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	216242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	155707	46.878	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.760%		
7) Chloroethane-d5	1.581	69	137423	48.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.480%		
11) 1,1-Dichloroethene-d2	2.121	63	289876	46.329	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.660%		
21) 2-Butanone-d5	3.915	46	184306	110.829	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.830%		
24) Chloroform-d	4.359	84	316635	49.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
26) 1,2-Dichloroethane-d4	5.040	65	183295	50.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.460%		
32) Benzene-d6	5.056	84	611567	51.107	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.220%		
36) 1,2-Dichloropropane-d6	6.076	67	191848	50.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.800%		
41) Toluene-d8	7.317	98	542759	51.639	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.280%		
43) trans-1,3-Dichloroprop...	7.622	79	81874	54.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	108.200%		
47) 2-Hexanone-d5	8.092	63	146536	112.410	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.410%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	280213	51.489	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.980%		
66) 1,2-Dichlorobenzene-d4	11.622	152	213653	50.484	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.143	85	131160	44.766	ug/L	99
3) Chloromethane	1.256	50	180272	49.623	ug/L	99
5) Vinyl chloride	1.323	62	186897	48.702	ug/L	99
6) Bromomethane	1.536	94	121161	50.154	ug/L	99
8) Chloroethane	1.600	64	127302	49.436	ug/L	97
9) Trichlorofluoromethane	1.767	101	246152	45.717	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	139670	44.187	ug/L	99
12) 1,1-Dichloroethene	2.130	96	148074	47.549	ug/L	98
13) Acetone	2.208	43	111449	92.046	ug/L	88
14) Carbon disulfide	2.307	76	415513	48.115	ug/L	99
15) Methyl Acetate	2.452	43	134324	52.816	ug/L	100
16) Methylene chloride	2.519	84	183886	50.300	ug/L	98
17) trans-1,2-Dichloroethene	2.773	96	160200	49.862	ug/L	99
18) Methyl tert-butyl Ether	2.786	73	482478	53.544	ug/L	99
19) 1,1-Dichloroethane	3.201	63	293757	50.507	ug/L	100
20) cis-1,2-Dichloroethene	3.925	96	177858	51.814	ug/L	98
22) 2-Butanone	3.995	43	174118	107.317	ug/L	93
23) Bromochloromethane	4.259	128	98880	50.929	ug/L	99
25) Chloroform	4.384	83	312345	50.744	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	217867	52.373	ug/L	99
29) Cyclohexane	4.687	56	203571	48.674	ug/L	100
30) 1,1,1-Trichloroethane	4.619	97	259141	50.406	ug/L	99
31) Carbon tetrachloride	4.838	117	212745	49.283	ug/L	99
33) Benzene	5.108	78	672848	52.732	ug/L	100
34) Trichloroethene	5.918	95	160678	49.893	ug/L	99
35) Methylcyclohexane	6.137	83	233749	47.644	ug/L	99
37) 1,2-Dichloropropane	6.178	63	173278	52.136	ug/L	100
38) Bromodichloromethane	6.513	83	227347	53.231	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	245442	54.842	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	387511	115.514	ug/L	100
42) Toluene	7.391	91	708364	52.953	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	228568	55.382	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	179233	53.128	ug/L	99
46) Tetrachloroethene	7.976	164	124992	48.026	ug/L	98
48) 2-Hexanone	8.140	43	295357	116.953	ug/L	98
49) Dibromochloromethane	8.246	129	174762	53.817	ug/L	100
50) 1,2-Dibromoethane	8.352	107	183318	53.545	ug/L	98
51) Chlorobenzene	8.883	112	453633	50.246	ug/L	99
52) Ethylbenzene	9.011	91	704430	51.725	ug/L	100
53) m,p-Xylene	9.140	106	281350	52.712	ug/L	98
54) o-Xylene	9.545	106	275045	53.219	ug/L	98
55) Styrene	9.561	104	497263	55.283	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	279743	53.279	ug/L	99
59) Bromoform	9.731	173	106145	55.765	ug/L	98
60) Isopropylbenzene	9.931	105	689995	52.391	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	203693	52.603	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	570119	53.372	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	579397	54.474	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	340994	51.128	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	351396	50.808	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	347351	51.109	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	46007	53.198	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	229945	50.092	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	199142	51.610	ug/L	100
71) Naphthalene	13.500	128	633079	57.075	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	209242	53.416	ug/L	99

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

