

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026884.D
 Acq On : 22 Jul 2022 13:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV236

Quant Time: Jul 23 00:19:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:07:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	515602	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	519367	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	288775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	194249	44.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.840%
7) Chloroethane-d5	1.561	69	169529	48.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.920%
11) 1,1-Dichloroethene-d2	2.105	63	354530	45.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.140%
21) 2-Butanone-d5	3.876	46	370906	127.248	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.250%
24) Chloroform-d	4.342	84	438241	51.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.980%
26) 1,2-Dichloroethane-d4	5.024	65	267193	54.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.760%
32) Benzene-d6	5.043	84	842443	53.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.320%
36) 1,2-Dichloropropane-d6	6.066	67	274817	54.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.640%
41) Toluene-d8	7.313	98	739651	53.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.700%
43) trans-1,3-Dichloroprop...	7.619	79	120834	56.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.000%
47) 2-Hexanone-d5	8.085	63	288217	130.834	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.830%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	433047	56.344	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.680%
66) 1,2-Dichlorobenzene-d4	11.622	152	282093	52.070	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	219906	41.285	ug/L	100
3) Chloromethane	1.240	50	233387	46.854	ug/L	99
5) Vinyl chloride	1.307	62	227550	42.974	ug/L	100
6) Bromomethane	1.516	94	153411	47.949	ug/L	99
8) Chloroethane	1.580	64	145738	46.840	ug/L	98
9) Trichlorofluoromethane	1.748	101	306830	42.046	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	181867	42.612	ug/L	99
12) 1,1-Dichloroethene	2.114	96	177367	44.491	ug/L	93
13) Acetone	2.172	43	229419	112.095	ug/L	100
14) Carbon disulfide	2.288	76	512798	45.083	ug/L	100
15) Methyl Acetate	2.426	43	255467	56.591	ug/L	100
16) Methylene chloride	2.500	84	253586	49.902	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	200878	47.687	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	678327	57.968	ug/L	100
19) 1,1-Dichloroethane	3.182	63	386998	49.884	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	234503	52.823	ug/L	100
22) 2-Butanone	3.963	43	341994	122.518	ug/L	100
23) Bromochloromethane	4.240	128	134192	52.789	ug/L	98
25) Chloroform	4.368	83	412908	49.903	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	310007	53.095	ug/L	99
29) Cyclohexane	4.670	56	262901	48.407	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	318616	46.432	ug/L	99
31) Carbon tetrachloride	4.822	117	270172	44.968	ug/L	100
33) Benzene	5.095	78	872062	52.212	ug/L	100
34) Trichloroethene	5.908	95	209403	48.789	ug/L	99
35) Methylcyclohexane	6.127	83	301465	47.438	ug/L	100
37) 1,2-Dichloropropane	6.169	63	237849	54.715	ug/L	100
38) Bromodichloromethane	6.506	83	311180	52.813	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	332755	55.155	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	650009	125.649	ug/L	99
42) Toluene	7.384	91	892003	52.322	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	325560	54.720	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	251558	54.340	ug/L	99
46) Tetrachloroethene	7.973	164	154852	46.251	ug/L	97
48) 2-Hexanone	8.136	43	518336	128.737	ug/L	98
49) Dibromochloromethane	8.243	129	255423	52.789	ug/L	99
50) 1,2-Dibromoethane	8.349	107	263969	55.733	ug/L	99
51) Chlorobenzene	8.879	112	586150	49.326	ug/L	100
52) Ethylbenzene	9.011	91	889497	50.265	ug/L	100
53) m,p-Xylene	9.136	106	352919	50.934	ug/L	97
54) o-Xylene	9.542	106	346066	51.858	ug/L	99
55) Styrene	9.558	104	645567	54.776	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	411162	55.021	ug/L	99
59) Bromoform	9.728	173	172518	53.473	ug/L	99
60) Isopropylbenzene	9.931	105	870728	51.023	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	320966	55.390	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	714280	51.499	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	738273	53.068	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	443321	50.844	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	457295	49.496	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	459993	51.419	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	87328	56.408	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	304762	49.372	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	264975	50.948	ug/L	100
71) Naphthalene	13.500	128	959209	58.650	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	296093	54.578	ug/L	100

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

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