

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031100.D
 Acq On : 19 May 2023 11:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV226

Quant Time: May 20 00:24:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:13:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	283750	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	276411	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	165201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	114897	47.381	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.760%		
7) Chloroethane-d5	1.536	69	86610	46.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.720%		
11) 1,1-Dichloroethene-d2	2.063	65	53948	47.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.880%		
21) 2-Butanone-d5	3.796	46	132625	102.639	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.640%		
24) Chloroform-d	4.256	84	205803	47.973	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.940%		
26) 1,2-Dichloroethane-d4	4.947	65	142234	49.065	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.120%		
32) Benzene-d6	4.966	84	371544	49.584	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.160%		
36) 1,2-Dichloropropane-d6	5.995	67	109407	48.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.600%		
41) Toluene-d8	7.249	98	356185	50.930	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.860%		
43) trans-1,3-Dichloroprop...	7.558	79	58159	51.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.400%		
47) 2-Hexanone-d5	8.031	63	85255	97.527	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.530%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	159086	47.308	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.620%		
66) 1,2-Dichlorobenzene-d4	11.567	152	146101	49.215	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	86252	47.084	ug/L	99
3) Chloromethane	1.217	50	90225	44.989	ug/L	100
5) Vinyl chloride	1.285	62	86792	48.452	ug/L	100
6) Bromomethane	1.487	94	46144	45.965	ug/L	100
8) Chloroethane	1.552	64	54961	47.615	ug/L	100
9) Trichlorofluoromethane	1.716	101	169917	48.227	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	91014	48.985	ug/L	97
12) 1,1-Dichloroethene	2.073	96	76563	48.575	ug/L	88
13) Acetone	2.121	43	162147	96.524	ug/L	98
14) Carbon disulfide	2.246	76	139454	48.551	ug/L	99
15) Methyl Acetate	2.378	43	97688	51.167	ug/L	99
16) Methylene chloride	2.452	84	85231	48.572	ug/L	99
17) trans-1,2-Dichloroethene	2.700	96	70121	48.117	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	293554	52.145	ug/L	99
19) 1,1-Dichloroethane	3.118	63	161824	48.726	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	89229	49.669	ug/L	95
22) 2-Butanone	3.876	43	162798	101.059	ug/L	96
23) Bromochloromethane	4.156	128	49406	50.046	ug/L	99
25) Chloroform	4.285	83	183224	49.386	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	158904	50.481	ug/L	100
29) Cyclohexane	4.590	56	109541	50.362	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	166587	49.114	ug/L	99
31) Carbon tetrachloride	4.741	117	145365	49.194	ug/L	99
33) Benzene	5.018	78	335852	50.717	ug/L	100
34) Trichloroethene	5.838	95	86514	48.758	ug/L	98
35) Methylcyclohexane	6.056	83	120272	51.082	ug/L	99
37) 1,2-Dichloropropane	6.101	63	90937	49.893	ug/L	97
38) Bromodichloromethane	6.439	83	136072	48.161	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	143980	51.229	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	296743	105.804	ug/L	99
42) Toluene	7.320	91	368385	51.418	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	150044	52.773	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	97706	49.126	ug/L	96
46) Tetrachloroethene	7.912	164	77242	50.697	ug/L	97
48) 2-Hexanone	8.082	43	248684	106.457	ug/L	100
49) Dibromochloromethane	8.182	129	110154	49.088	ug/L	95
50) 1,2-Dibromoethane	8.288	107	97291	49.201	ug/L	97
51) Chlorobenzene	8.818	112	252322	49.481	ug/L	99
52) Ethylbenzene	8.953	91	417956	50.952	ug/L	99
53) m,p-Xylene	9.079	106	163391	51.349	ug/L	95
54) o-Xylene	9.484	106	160613	51.167	ug/L	98
55) Styrene	9.503	104	289076	52.071	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	162083	49.599	ug/L	98
59) Bromoform	9.670	173	91370	47.699	ug/L	100
60) Isopropylbenzene	9.873	105	443554	50.203	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	126183	49.650	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	365138	50.278	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	366050	51.549	ug/L	97
64) 1,3-Dichlorobenzene	11.124	146	228672	50.512	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	237264	50.378	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	230665	50.215	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	38500	49.350	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	177834	50.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	158665	53.274	ug/L	99
71) Naphthalene	13.445	128	435549	56.301	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	161117	54.136	ug/L	98

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

