

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082323\
 Data File : VV031861.D
 Acq On : 23 Aug 2023 11:36
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV266

Quant Time: Aug 24 01:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	275044	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	274149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	146198	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80735	46.903	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.800%
7) Chloroethane-d5	1.529	69	72591	48.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.220%
11) 1,1-Dichloroethene-d2	2.060	65	38753	48.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.160%
21) 2-Butanone-d5	3.783	46	140220	103.574	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.570%
24) Chloroform-d	4.249	84	188979	50.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
26) 1,2-Dichloroethane-d4	4.944	65	124085	49.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
32) Benzene-d6	4.960	84	367658	49.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.300%
36) 1,2-Dichloropropane-d6	5.989	67	117974	48.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.000%
41) Toluene-d8	7.246	98	339773	49.294	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.580%
43) trans-1,3-Dichloroprop...	7.555	79	63223	50.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.320%
47) 2-Hexanone-d5	8.027	63	78207	105.974	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.970%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	156685	50.358	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	11.564	152	132480	49.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	79778	47.646	ug/L	98
3) Chloromethane	1.214	50	82697	48.434	ug/L	99
5) Vinyl chloride	1.282	62	89622	49.151	ug/L	99
6) Bromomethane	1.484	94	56335	52.473	ug/L	99
8) Chloroethane	1.549	64	59289	48.926	ug/L	98
9) Trichlorofluoromethane	1.712	101	130018	48.916	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80710	50.291	ug/L	100
12) 1,1-Dichloroethene	2.069	96	70333	48.791	ug/L	92
13) Acetone	2.111	43	114418	94.955	ug/L	100
14) Carbon disulfide	2.240	76	171931	52.345	ug/L	99
15) Methyl Acetate	2.372	43	111803	52.025	ug/L	98
16) Methylene chloride	2.446	84	90162	48.673	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	79232	50.135	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	335888	50.289	ug/L	100
19) 1,1-Dichloroethane	3.111	63	177397	50.088	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	99784	50.327	ug/L	98
22) 2-Butanone	3.867	43	161271	101.145	ug/L	97
23) Bromochloromethane	4.150	128	47911	49.807	ug/L	98
25) Chloroform	4.278	83	181818	49.375	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	143663	49.521	ug/L	98
29) Cyclohexane	4.584	56	139082	48.725	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	155189	48.530	ug/L	99
31) Carbon tetrachloride	4.738	117	129779	47.795	ug/L	98
33) Benzene	5.011	78	362288	49.183	ug/L	100
34) Trichloroethene	5.835	95	107752	47.830	ug/L	99
35) Methylcyclohexane	6.053	83	147628	49.268	ug/L	99
37) 1,2-Dichloropropane	6.095	63	105972	50.755	ug/L	100
38) Bromodichloromethane	6.433	83	141466	47.734	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	182957	50.401	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	338984	102.291	ug/L	99
42) Toluene	7.317	91	397928	49.109	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	173695	49.801	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	103433	49.035	ug/L	99
46) Tetrachloroethene	7.908	164	69596	49.200	ug/L	98
48) 2-Hexanone	8.079	43	259371	102.488	ug/L	99
49) Dibromochloromethane	8.178	129	107799	49.732	ug/L	99
50) 1,2-Dibromoethane	8.285	107	108927	49.303	ug/L	98
51) Chlorobenzene	8.815	112	263451	48.931	ug/L	100
52) Ethylbenzene	8.950	91	469374	48.902	ug/L	99
53) m,p-Xylene	9.076	106	174608	48.995	ug/L	98
54) o-Xylene	9.481	106	173844	49.046	ug/L	100
55) Styrene	9.500	104	311870	49.772	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	147782	49.491	ug/L	98
59) Bromoform	9.667	173	76861	50.698	ug/L	99
60) Isopropylbenzene	9.870	105	484204	49.448	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	138415	50.112	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	408423	49.577	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	408909	49.342	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	219180	49.944	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	223158	50.009	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	213954	49.201	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	42787	51.572	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	162219	50.706	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	163447	53.225	ug/L	99
71) Naphthalene	13.442	128	581050	59.223	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	158828	53.976	ug/L	99

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

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