

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092523\
 Data File : VV032172.D
 Acq On : 25 Sep 2023 15:09
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV272

Quant Time: Sep 26 01:24:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:18:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	244990	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	236265	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	127360	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74364	49.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.100%
7) Chloroethane-d5	1.529	69	64160	49.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.120%
11) 1,1-Dichloroethene-d2	2.060	65	32432	48.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.980%
21) 2-Butanone-d5	3.786	46	135017	99.041	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.040%
24) Chloroform-d	4.249	84	158330	49.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	4.940	65	95539	50.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.100%
32) Benzene-d6	4.960	84	308246	49.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.260%
36) 1,2-Dichloropropane-d6	5.992	67	101598	49.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	7.246	98	279771	49.375	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	7.555	79	49544	50.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.500%
47) 2-Hexanone-d5	8.027	63	88532	98.914	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.910%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	143560	48.700	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	113135	48.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107632	51.882	ug/L	99
3) Chloromethane	1.217	50	112664	50.082	ug/L	99
5) Vinyl chloride	1.281	62	113641	51.285	ug/L	98
6) Bromomethane	1.484	94	68655	54.606	ug/L	99
8) Chloroethane	1.548	64	69118	50.109	ug/L	98
9) Trichlorofluoromethane	1.712	101	145622	51.202	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	89567	52.227	ug/L	100
12) 1,1-Dichloroethene	2.069	96	82025	51.693	ug/L	97
13) Acetone	2.111	43	139497	109.381	ug/L	99
14) Carbon disulfide	2.240	76	260902	51.378	ug/L	100
15) Methyl Acetate	2.371	43	111534	49.020	ug/L	100
16) Methylene chloride	2.445	84	99371	49.601	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	91811	51.328	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	303462	50.709	ug/L	100
19) 1,1-Dichloroethane	3.111	63	179006	51.039	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	104080	51.678	ug/L	99
22) 2-Butanone	3.863	43	173632	101.409	ug/L	99
23) Bromochloromethane	4.149	128	51101	50.658	ug/L	97
25) Chloroform	4.278	83	173054	50.547	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	129360	49.991	ug/L	100
29) Cyclohexane	4.584	56	167990	50.932	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	148151	50.287	ug/L	99
31) Carbon tetrachloride	4.738	117	128566	50.531	ug/L	100
33) Benzene	5.011	78	384674	51.041	ug/L	100
34) Trichloroethene	5.834	95	106116	51.143	ug/L	98
35) Methylcyclohexane	6.053	83	173919	52.427	ug/L	98
37) 1,2-Dichloropropane	6.095	63	106957	51.721	ug/L	99
38) Bromodichloromethane	6.436	83	133070	51.190	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	173126	52.791	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	306425	99.422	ug/L	100
42) Toluene	7.317	91	410896	51.066	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	155364	51.732	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	98611	49.991	ug/L	98
46) Tetrachloroethene	7.908	164	77417	51.345	ug/L	99
48) 2-Hexanone	8.075	43	243127	100.980	ug/L	99
49) Dibromochloromethane	8.178	129	99477	50.720	ug/L	99
50) 1,2-Dibromoethane	8.284	107	105612	50.281	ug/L	98
51) Chlorobenzene	8.815	112	264161	50.882	ug/L	98
52) Ethylbenzene	8.950	91	458716	51.037	ug/L	99
53) m,p-Xylene	9.075	106	174873	52.221	ug/L	99
54) o-Xylene	9.480	106	167184	50.679	ug/L	100
55) Styrene	9.497	104	293068	52.074	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	150957	49.113	ug/L	99
59) Bromoform	9.667	173	70589	49.878	ug/L	99
60) Isopropylbenzene	9.870	105	460171	51.913	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	122078	49.309	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	378958	52.034	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	373098	52.083	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	211893	51.131	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	214102	51.145	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	207147	50.818	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	33012	48.293	ug/L	98
69) 1,3,5-Trichlorobenzene	12.586	180	153028	50.997	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	146072	51.761	ug/L	100
71) Naphthalene	13.442	128	454333	48.873	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	141692	50.534	ug/L	98

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

