

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033379.D
 Acq On : 15 Dec 2023 15:33
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV222

Quant Time: Dec 15 23:20:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	240818	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	240871	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	135756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	83967	45.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.560%
7) Chloroethane-d5	1.507	69	87716	52.705	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.420%
11) 1,1-Dichloroethene-d2	2.053	65	42201	45.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.420%
21) 2-Butanone-d5	3.783	46	95630	102.316	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.320%
24) Chloroform-d	4.243	84	183078	49.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
26) 1,2-Dichloroethane-d4	4.934	65	115349	51.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.380%
32) Benzene-d6	4.953	84	334666	51.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.180%
36) 1,2-Dichloropropane-d6	5.985	67	102281	51.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.900%
41) Toluene-d8	7.239	98	311432	52.464	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.920%
43) trans-1,3-Dichloroprop...	7.548	79	55066	57.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.140%
47) 2-Hexanone-d5	8.027	63	79759	120.437	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.440%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	158238	55.917	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	136490	53.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	89597	45.285	ug/L	99
3) Chloromethane	1.214	50	81133	44.542	ug/L	99
5) Vinyl chloride	1.282	62	81479	41.727	ug/L	98
6) Bromomethane	1.465	94	58351	41.746	ug/L	97
8) Chloroethane	1.526	64	62133	47.133	ug/L	97
9) Trichlorofluoromethane	1.699	101	155720	45.478	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	90156	45.132	ug/L	99
12) 1,1-Dichloroethene	2.063	96	76931	45.333	ug/L	95
13) Acetone	2.111	43	105856	97.570	ug/L	100
14) Carbon disulfide	2.233	76	201546	46.475	ug/L	98
15) Methyl Acetate	2.368	43	79319	51.192	ug/L	96
16) Methylene chloride	2.439	84	90134	47.556	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	76488	47.685	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	266750	54.762	ug/L	99
19) 1,1-Dichloroethane	3.105	63	148212	48.210	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	89288	49.095	ug/L	94
22) 2-Butanone	3.863	43	103722	97.038	ug/L	98
23) Bromochloromethane	4.140	128	48869	49.023	ug/L	95
25) Chloroform	4.269	83	165647	47.879	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	135886	50.954	ug/L	97
29) Cyclohexane	4.577	56	108905	50.165	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	143692	48.317	ug/L	99
31) Carbon tetrachloride	4.732	117	125447	47.134	ug/L	98
33) Benzene	5.005	78	325205	50.654	ug/L	100
34) Trichloroethene	5.828	95	87495	49.675	ug/L	97
35) Methylcyclohexane	6.047	83	121382	48.048	ug/L	98
37) 1,2-Dichloropropane	6.088	63	85711	49.228	ug/L #	97
38) Bromodichloromethane	6.429	83	127612	50.924	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	140878	55.618	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	215839	116.165	ug/L	100
42) Toluene	7.313	91	353699	51.978	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	139348	54.824	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	93201	51.358	ug/L	97
46) Tetrachloroethene	7.905	164	65557	47.634	ug/L	98
48) 2-Hexanone	8.075	43	177726	114.683	ug/L	97
49) Dibromochloromethane	8.175	129	99861	52.040	ug/L	97
50) 1,2-Dibromoethane	8.281	107	97420	52.078	ug/L	97
51) Chlorobenzene	8.812	112	241032	49.151	ug/L	99
52) Ethylbenzene	8.947	91	388160	51.220	ug/L	99
53) m,p-Xylene	9.072	106	150466	52.847	ug/L	99
54) o-Xylene	9.477	106	147037	53.185	ug/L	99
55) Styrene	9.497	104	269808	55.298	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	152039	54.551	ug/L	99
59) Bromoform	9.664	173	74928	53.498	ug/L	100
60) Isopropylbenzene	9.866	105	392201	50.875	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	113611	52.214	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	308828	52.857	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	331640	54.653	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	206907	51.640	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	213966	49.618	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	215056	51.568	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	29162	49.476	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	139301	50.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	121696	50.242	ug/L	99
71) Naphthalene	13.442	128	386429	59.296	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	129983	54.864	ug/L	98

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

