

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032925.D
 Acq On : 13 Nov 2023 12:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV204

Quant Time: Nov 13 23:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 23:03:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	434211	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	431247	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	239200	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	182062	49.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.160%
7) Chloroethane-d5	1.532	69	150641	49.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.020%
11) 1,1-Dichloroethene-d2	2.060	65	79611	49.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.520%
21) 2-Butanone-d5	3.780	46	164879	104.741	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.740%
24) Chloroform-d	4.249	84	323062	50.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.840%
26) 1,2-Dichloroethane-d4	4.941	65	196377	50.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.740%
32) Benzene-d6	4.960	84	621020	52.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	5.989	67	179656	52.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.100%
41) Toluene-d8	7.243	98	583856	53.842	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.680%
43) trans-1,3-Dichloroprop...	7.551	79	95413	52.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.140%
47) 2-Hexanone-d5	8.024	63	143076	114.233	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.230%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	262351	52.384	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	240883	51.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	185918	49.517	ug/L	99
3) Chloromethane	1.214	50	180028	48.526	ug/L	98
5) Vinyl chloride	1.285	62	183512	49.161	ug/L	100
6) Bromomethane	1.484	94	126805	51.244	ug/L	98
8) Chloroethane	1.548	64	117456	49.826	ug/L	98
9) Trichlorofluoromethane	1.712	101	291638	49.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	165653	48.246	ug/L	100
12) 1,1-Dichloroethene	2.069	96	151063	49.186	ug/L	94
13) Acetone	2.108	43	189275	90.067	ug/L	99
14) Carbon disulfide	2.243	76	437303	50.000	ug/L	99
15) Methyl Acetate	2.368	43	130212	52.700	ug/L	99
16) Methylene chloride	2.449	84	159808	48.772	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	152518	50.163	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	458718	51.409	ug/L	99
19) 1,1-Dichloroethane	3.111	63	270431	49.786	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	168087	51.335	ug/L	99
22) 2-Butanone	3.860	43	190590	97.367	ug/L	97
23) Bromochloromethane	4.146	128	92161	50.112	ug/L	98
25) Chloroform	4.275	83	296564	49.478	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	225645	49.907	ug/L	99
29) Cyclohexane	4.584	56	217596	52.505	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	269794	51.049	ug/L	100
31) Carbon tetrachloride	4.735	117	242371	51.284	ug/L	99
33) Benzene	5.011	78	610326	52.109	ug/L	100
34) Trichloroethene	5.831	95	164284	51.610	ug/L	99
35) Methylcyclohexane	6.050	83	250379	52.192	ug/L	98
37) 1,2-Dichloropropane	6.095	63	154412	52.790	ug/L	100
38) Bromodichloromethane	6.432	83	225159	51.602	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	262613	53.983	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	352761	113.090	ug/L	99
42) Toluene	7.317	91	675962	52.888	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	251551	53.235	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	164264	50.606	ug/L	98
46) Tetrachloroethene	7.905	164	134987	49.296	ug/L	98
48) 2-Hexanone	8.075	43	286086	105.270	ug/L	99
49) Dibromochloromethane	8.178	129	180458	51.607	ug/L	100
50) 1,2-Dibromoethane	8.281	107	181206	52.449	ug/L	96
51) Chlorobenzene	8.815	112	444633	50.219	ug/L	100
52) Ethylbenzene	8.947	91	750602	53.030	ug/L	99
53) m,p-Xylene	9.072	106	290282	53.336	ug/L	99
54) o-Xylene	9.477	106	281037	53.554	ug/L	97
55) Styrene	9.497	104	506361	54.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	257374	51.540	ug/L	98
59) Bromoform	9.664	173	134009	52.662	ug/L	99
60) Isopropylbenzene	9.866	105	761667	53.790	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	187128	53.444	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	598611	55.728	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	626401	55.772	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	383624	51.945	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	393717	49.708	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	383398	51.625	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	52061	53.203	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	283744	51.209	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	262765	52.793	ug/L	98
71) Naphthalene	13.439	128	764756	58.468	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	270596	54.020	ug/L	98

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

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