

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033560.D
 Acq On : 10 Jan 2024 15:04
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV228

Quant Time: Jan 11 00:37:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	349179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	328181	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	135365	50.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.880%
7) Chloroethane-d5	1.526	69	101321	47.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.360%
11) 1,1-Dichloroethene-d2	2.056	65	55044	47.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
21) 2-Butanone-d5	3.780	46	172427	93.674	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.670%
24) Chloroform-d	4.246	84	227842	47.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	4.941	65	146474	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	4.960	84	454973	48.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	5.989	67	147513	48.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.243	98	410471	48.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
43) trans-1,3-Dichloroprop...	7.551	79	74396	49.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.040%
47) 2-Hexanone-d5	8.021	63	124702	97.890	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.890%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	183361	46.768	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.540%
66) 1,2-Dichlorobenzene-d4	11.561	152	156078	48.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	140299	48.298	ug/L	99
3) Chloromethane	1.214	50	163763	49.577	ug/L	100
5) Vinyl chloride	1.285	62	155904	49.336	ug/L	98
6) Bromomethane	1.478	94	84949	51.436	ug/L	99
8) Chloroethane	1.545	64	93073	49.394	ug/L	99
9) Trichlorofluoromethane	1.712	101	190906	50.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	112941	50.836	ug/L	100
12) 1,1-Dichloroethene	2.069	96	104457	49.846	ug/L	97
13) Acetone	2.108	43	171413	97.398	ug/L	100
14) Carbon disulfide	2.240	76	359928	50.534	ug/L	99
15) Methyl Acetate	2.368	43	145514	50.563	ug/L #	100
16) Methylene chloride	2.445	84	125913	49.252	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	116491	49.764	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	422797	50.219	ug/L	100
19) 1,1-Dichloroethane	3.111	63	242802	50.734	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	130424	50.061	ug/L	99
22) 2-Butanone	3.860	43	214344	100.278	ug/L	95
23) Bromochloromethane	4.146	128	62867	49.671	ug/L	98
25) Chloroform	4.275	83	228619	50.384	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	190366	50.229	ug/L	99
29) Cyclohexane	4.580	56	238967	51.651	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	204142	51.834	ug/L	99
31) Carbon tetrachloride	4.735	117	173315	51.557	ug/L	100
33) Benzene	5.008	78	497882	51.652	ug/L	100
34) Trichloroethene	5.831	95	132169	51.116	ug/L	98
35) Methylcyclohexane	6.050	83	229561	51.878	ug/L	100
37) 1,2-Dichloropropane	6.092	63	141029	53.168	ug/L	100
38) Bromodichloromethane	6.432	83	178304	51.385	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	232029	52.383	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	398174	101.308	ug/L	99
42) Toluene	7.313	91	525793	51.601	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	213374	52.274	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	124019	51.531	ug/L	99
46) Tetrachloroethene	7.905	164	97064	51.180	ug/L	97
48) 2-Hexanone	8.072	43	303003	96.752	ug/L	98
49) Dibromochloromethane	8.175	129	129152	51.525	ug/L	100
50) 1,2-Dibromoethane	8.281	107	130134	51.166	ug/L	99
51) Chlorobenzene	8.812	112	328423	50.600	ug/L	98
52) Ethylbenzene	8.947	91	607243	51.453	ug/L	98
53) m,p-Xylene	9.072	106	228323	52.403	ug/L	100
54) o-Xylene	9.477	106	222775	51.646	ug/L	100
55) Styrene	9.493	104	381437	51.219	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	193510	50.523	ug/L	99
59) Bromoform	9.664	173	94320	52.127	ug/L	98
60) Isopropylbenzene	9.866	105	601664	52.233	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155744	51.546	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	512991	51.905	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	518320	52.635	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	265607	51.049	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	267341	51.244	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	262088	51.553	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	44576	51.125	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	200596	52.173	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	180047	51.594	ug/L	99
71) Naphthalene	13.439	128	443148	48.597	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	168821	51.830	ug/L	99

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

