

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033839.D
 Acq On : 23 Jan 2024 19:09
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050385

Quant Time: Jan 24 02:06:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	214179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	201033	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103690	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	64393	39.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.240%
7) Chloroethane-d5	1.529	69	56651	43.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	2.059	65	30995	43.753	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.500%
21) 2-Butanone-d5	3.780	46	88945	78.779	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.780%
24) Chloroform-d	4.249	84	132452	45.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.940	65	86303	45.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
32) Benzene-d6	4.960	84	248556	43.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
36) 1,2-Dichloropropane-d6	5.989	67	76558	40.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.400%
41) Toluene-d8	7.243	98	228842	44.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	7.551	79	39710	42.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.420%
47) 2-Hexanone-d5	8.021	63	63439	81.296	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.300%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	98232	40.901	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	91345	46.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	70425	39.525	ug/L	100
3) Chloromethane	1.217	50	80933	39.945	ug/L	100
5) Vinyl chloride	1.285	62	82513	42.570	ug/L	98
6) Bromomethane	1.484	94	42696	42.147	ug/L	99
8) Chloroethane	1.548	64	52896	45.766	ug/L	98
9) Trichlorofluoromethane	1.715	101	123413	53.356	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	69015	50.645	ug/L	97
12) 1,1-Dichloroethene	2.072	96	65148	50.683	ug/L	89
13) Acetone	2.111	43	91770	85.011	ug/L	99
14) Carbon disulfide	2.243	76	188908	43.240	ug/L	100
15) Methyl Acetate	2.371	43	71374	40.433	ug/L #	100
16) Methylene chloride	2.449	84	69981	44.628	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	63388	44.147	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	235369	45.578	ug/L	98
19) 1,1-Dichloroethane	3.111	63	127259	43.352	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	73317	45.879	ug/L	95
22) 2-Butanone	3.863	43	96326	73.470	ug/L	99
23) Bromochloromethane	4.149	128	37011	47.674	ug/L #	80
25) Chloroform	4.275	83	129797	46.636	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	108784	46.796	ug/L	99
29) Cyclohexane	4.583	56	115731	40.835	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	120232	49.837	ug/L	98
31) Carbon tetrachloride	4.735	117	106496	51.716	ug/L	98
33) Benzene	5.008	78	267323	45.273	ug/L	100
34) Trichloroethene	5.831	95	70180	44.308	ug/L	97
35) Methylcyclohexane	6.050	83	114941	42.404	ug/L	96
37) 1,2-Dichloropropane	6.091	63	70649	43.481	ug/L #	97
38) Bromodichloromethane	6.432	83	99051	46.599	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	110954	40.892	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	187627	77.932	ug/L	96
42) Toluene	7.313	91	286088	45.835	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	112001	44.793	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	68214	46.270	ug/L	98
46) Tetrachloroethene	7.905	164	54627	47.021	ug/L	97
48) 2-Hexanone	8.072	43	146627	76.432	ug/L	99
49) Dibromochloromethane	8.175	129	70709	46.051	ug/L	99
50) 1,2-Dibromoethane	8.281	107	69755	44.773	ug/L	99
51) Chlorobenzene	8.815	112	183872	46.246	ug/L	97
52) Ethylbenzene	8.947	91	326664	45.185	ug/L	99
53) m,p-Xylene	9.072	106	121889	45.669	ug/L	100
54) o-Xylene	9.477	106	120181	45.484	ug/L	100
55) Styrene	9.493	104	207519	45.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	99043	42.214	ug/L	99
59) Bromoform	9.664	173	50606	45.920	ug/L	98
60) Isopropylbenzene	9.866	105	330992	47.180	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	79619	43.266	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	281767	46.810	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	282465	47.096	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	149410	47.149	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	147089	46.292	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	146981	47.469	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	21593	40.662	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	110594	47.228	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	98108	46.160	ug/L	99
71) Naphthalene	13.438	128	222571	40.075	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	94353	47.561	ug/L	99

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

