

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110623\
 Data File : VW032855.D
 Acq On : 06 Nov 2023 15:58
 Operator : SY/MD
 Sample : 05259-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCGA9MS

Quant Time: Nov 07 01:37:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 07 01:35:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	336600	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	380246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	216717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113443	35.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.860%
7) Chloroethane-d5	1.532	69	108514	40.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.060%
11) 1,1-Dichloroethene-d2	2.060	65	51209	38.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.460%
21) 2-Butanone-d5	3.786	46	144470	104.035	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.040%
24) Chloroform-d	4.253	84	243272	47.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
26) 1,2-Dichloroethane-d4	4.944	65	153227	48.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
32) Benzene-d6	4.963	84	439220	44.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	5.989	67	135231	45.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.060%
41) Toluene-d8	7.246	98	445965	46.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.660%
43) trans-1,3-Dichloroprop...	7.555	79	73279	47.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.740%
47) 2-Hexanone-d5	8.027	63	113960	105.096	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	227168	50.401	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	196359	47.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	125072	42.229	ug/L	100
3) Chloromethane	1.217	50	122409	42.721	ug/L	99
5) Vinyl chloride	1.285	62	133502	43.695	ug/L	100
6) Bromomethane	1.484	94	92031	43.169	ug/L	99
8) Chloroethane	1.548	64	94251	45.823	ug/L	99
9) Trichlorofluoromethane	1.712	101	218113	44.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	131952	44.789	ug/L	99
12) 1,1-Dichloroethene	2.073	96	112570	44.714	ug/L	79
13) Acetone	2.111	43	115355	49.628	ug/L	99
14) Carbon disulfide	2.243	76	263198	43.795	ug/L	100
15) Methyl Acetate	2.375	43	109382	46.412	ug/L	99
16) Methylene chloride	2.449	84	126343	37.835	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	109023	45.372	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	348702	49.139	ug/L	99
19) 1,1-Dichloroethane	3.114	63	207949	45.411	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	125518	47.298	ug/L	98
22) 2-Butanone	3.867	43	147164	74.656	ug/L	95
23) Bromochloromethane	4.150	128	69469	46.901	ug/L	98
25) Chloroform	4.278	83	244369	46.821	ug/L	100

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

27) 1,2-Dichloroethane	5.040	62	183158	48.695	ug/L	98
29) Cyclohexane	4.587	56	148410	43.428	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	209933	46.082	ug/L	100
31) Carbon tetrachloride	4.738	117	182534	45.342	ug/L	100
33) Benzene	5.011	78	473894	47.000	ug/L	100
34) Trichloroethene	5.838	95	126515	45.075	ug/L	96
35) Methylcyclohexane	6.053	83	195779	44.578	ug/L	95
37) 1,2-Dichloropropane	6.095	63	116012	43.345	ug/L	100
38) Bromodichloromethane	6.436	83	194013	46.206	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	208108	51.830	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	335115	105.652	ug/L	99
42) Toluene	7.317	91	566228	49.312	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	202837	49.182	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	148516	48.378	ug/L	98
46) Tetrachloroethene	7.908	164	111627	44.078	ug/L	98
48) 2-Hexanone	8.076	43	253973	89.242	ug/L	99
49) Dibromochloromethane	8.178	129	153616	47.863	ug/L	100
50) 1,2-Dibromoethane	8.285	107	154271	49.326	ug/L	98
51) Chlorobenzene	8.815	112	379640	46.702	ug/L	99
52) Ethylbenzene	8.950	91	612022	48.319	ug/L	100
53) m,p-Xylene	9.075	106	235662	48.886	ug/L	100
54) o-Xylene	9.481	106	229968	49.242	ug/L	97
55) Styrene	9.497	104	415945	51.107	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	223939	48.705	ug/L	98
59) Bromoform	9.667	173	112673	46.371	ug/L	100
60) Isopropylbenzene	9.870	105	627364	47.735	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	170027	46.970	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	499597	48.307	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	486637	49.189	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	312075	45.579	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	326281	45.164	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	317888	45.479	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	42879	45.515	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	214847	43.466	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	190616	44.592	ug/L	100
71) Naphthalene	13.442	128	539827	50.571	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	203957	47.788	ug/L	99

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

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