

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091423\
 Data File : VW032105.D
 Acq On : 14 Sep 2023 22:10
 Operator : SY/MD
 Sample : 04439-04MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX810MS

Quant Time: Sep 15 08:06:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 15 08:00:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	234605	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	225862	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	122576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52176	35.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.080%
7) Chloroethane-d5	1.529	69	48739	37.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.740%
11) 1,1-Dichloroethene-d2	2.060	65	24099	35.053	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.100%
21) 2-Butanone-d5	3.789	46	130096	112.660	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.660%
24) Chloroform-d	4.252	84	138694	43.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.440%
26) 1,2-Dichloroethane-d4	4.944	65	84398	39.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.260%
32) Benzene-d6	4.963	84	253399	41.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.240%
36) 1,2-Dichloropropane-d6	5.992	67	86668	43.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.380%
41) Toluene-d8	7.246	98	226276	39.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.700%#
43) trans-1,3-Dichloroprop...	7.555	79	41919	40.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.540%
47) 2-Hexanone-d5	8.027	63	85436	140.520	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	140.520%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	141563	55.225	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.440%
66) 1,2-Dichlorobenzene-d4	11.564	152	98119	43.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	60003	42.012	ug/L	98
3) Chloromethane	1.214	50	69785	47.917	ug/L	99
5) Vinyl chloride	1.282	62	72329	46.505	ug/L	98
6) Bromomethane	1.484	94	42705	46.634	ug/L	98
8) Chloroethane	1.545	64	48701	47.116	ug/L	100
9) Trichlorofluoromethane	1.712	101	105777	46.655	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	65446	47.809	ug/L	98
12) 1,1-Dichloroethene	2.069	96	56757	46.160	ug/L	81
13) Acetone	2.111	43	85209	82.904	ug/L	100
14) Carbon disulfide	2.240	76	121182	43.253	ug/L	99
15) Methyl Acetate	2.372	43	92856	50.656	ug/L	99
16) Methylene chloride	2.449	84	80839	51.162	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	64762	48.042	ug/L	91
18) Methyl tert-butyl Ether	2.706	73	277344	48.681	ug/L	98
19) 1,1-Dichloroethane	3.114	63	153853	50.928	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	85718	50.684	ug/L	96
22) 2-Butanone	3.870	43	139883	102.853	ug/L	98
23) Bromochloromethane	4.150	128	41831	50.982	ug/L	99
25) Chloroform	4.281	83	155739	49.583	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	115494	46.673	ug/L	97
29) Cyclohexane	4.584	56	108196	46.008	ug/L	97
30) 1,1,1-Trichloroethane	4.516	97	127465	48.382	ug/L	99
31) Carbon tetrachloride	4.738	117	103301	46.177	ug/L	99
33) Benzene	5.011	78	310261	51.125	ug/L	100
34) Trichloroethene	5.838	95	81599	43.965	ug/L	100
35) Methylcyclohexane	6.053	83	106567	43.168	ug/L	98
37) 1,2-Dichloropropane	6.098	63	89908	52.267	ug/L	100
38) Bromodichloromethane	6.436	83	122556	50.195	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	142248	47.564	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	303215	111.059	ug/L	99
42) Toluene	7.320	91	335716	50.289	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	129338	45.011	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	94821	54.562	ug/L	99
46) Tetrachloroethene	7.908	164	56552	48.526	ug/L	99
48) 2-Hexanone	8.079	43	225716	108.257	ug/L	97
49) Dibromochloromethane	8.178	129	91527	51.253	ug/L	97
50) 1,2-Dibromoethane	8.284	107	94596	51.970	ug/L	99
51) Chlorobenzene	8.818	112	222294	50.113	ug/L	98
52) Ethylbenzene	8.950	91	382521	48.373	ug/L	99
53) m,p-Xylene	9.075	106	140284	47.779	ug/L	96
54) o-Xylene	9.481	106	142497	48.797	ug/L	98
55) Styrene	9.500	104	251573	48.732	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	156879	63.769	ug/L	99
59) Bromoform	9.670	173	65127	51.237	ug/L	99
60) Isopropylbenzene	9.870	105	396467	48.291	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	119811	51.736	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	318818	46.158	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	322832	46.462	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	181309	49.277	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	185897	49.687	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	185891	50.985	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	31866	45.810	ug/L	87
69) 1,3,5-Trichlorobenzene	12.587	180	124829	46.538	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	120845	46.936	ug/L	99
71) Naphthalene	13.442	128	395306	48.056	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	123185	49.930	ug/L	98

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

