

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060923\
 Data File : VW031490.D
 Acq On : 09 Jun 2023 12:37
 Operator : SY/MD
 Sample : 03098-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZEP9MS

Quant Time: Jun 10 01:40:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	228855	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	234889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	146124	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68139	33.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.680%
7) Chloroethane-d5	1.532	69	68358	41.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.860%
11) 1,1-Dichloroethene-d2	2.060	65	37951	39.768	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.540%
21) 2-Butanone-d5	3.793	46	138057	94.873	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.870%
24) Chloroform-d	4.256	84	193019	50.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.947	65	126723	49.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.640%
32) Benzene-d6	4.966	84	320956	46.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	5.995	67	116779	48.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.900%
41) Toluene-d8	7.249	98	305116	47.895	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.558	79	53686	44.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.420%
47) 2-Hexanone-d5	8.030	63	85694	94.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.390%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	145695	47.894	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	128704	47.481	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49807	54.271	ug/L	99
3) Chloromethane	1.217	50	37162	49.898	ug/L	95
5) Vinyl chloride	1.285	62	45231	50.903	ug/L	97
6) Bromomethane	1.487	94	27214	50.957	ug/L	98
8) Chloroethane	1.548	64	37508	52.391	ug/L	99
9) Trichlorofluoromethane	1.715	101	116388	54.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	73516	53.004	ug/L	97
12) 1,1-Dichloroethene	2.072	96	48613	53.246	ug/L	86
13) Acetone	2.117	43	96198	73.897	ug/L	99
14) Carbon disulfide	2.246	76	34899	44.688	ug/L	98
15) Methyl Acetate	2.375	43	104020	52.916	ug/L	98
16) Methylene chloride	2.449	84	72733	52.776	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	46174	53.342	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	284807	53.528	ug/L	99
19) 1,1-Dichloroethane	3.117	63	166731	55.684	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	75925	53.950	ug/L	96
22) 2-Butanone	3.873	43	146909	91.820	ug/L	99
23) Bromochloromethane	4.156	128	42148	56.952	ug/L	96
25) Chloroform	4.281	83	186540	55.868	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	140213	57.510	ug/L	99
29) Cyclohexane	4.587	56	61766	49.098	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	151442	54.621	ug/L	99
31) Carbon tetrachloride	4.741	117	123130	53.460	ug/L	98
33) Benzene	5.014	78	283151	54.633	ug/L	100
34) Trichloroethene	5.838	95	92013	56.351	ug/L	98
35) Methylcyclohexane	6.056	83	68442	49.009	ug/L	98
37) 1,2-Dichloropropane	6.098	63	104676	56.112	ug/L	100
38) Bromodichloromethane	6.439	83	146911	53.806	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	147805	53.032	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	335922	110.850	ug/L	99
42) Toluene	7.320	91	324858	55.999	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	157040	55.552	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	106935	55.457	ug/L	99
46) Tetrachloroethene	7.911	164	56741	53.527	ug/L	98
48) 2-Hexanone	8.082	43	259715	109.489	ug/L	98
49) Dibromochloromethane	8.181	129	116059	55.176	ug/L	98
50) 1,2-Dibromoethane	8.288	107	103170	55.576	ug/L	99
51) Chlorobenzene	8.818	112	234587	53.183	ug/L	99
52) Ethylbenzene	8.953	91	391263	54.194	ug/L	100
53) m,p-Xylene	9.079	106	141173	54.261	ug/L	99
54) o-Xylene	9.484	106	144141	54.919	ug/L	98
55) Styrene	9.500	104	281645	58.860	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	150193	50.812	ug/L	97
59) Bromoform	9.670	173	94555	50.501	ug/L	99
60) Isopropylbenzene	9.873	105	428383	51.304	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	150553	50.896	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	350529	50.832	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	357351	51.771	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	217472	50.883	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	229853	50.846	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	226328	51.658	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	37767	48.169	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	165577	50.320	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	137758	49.074	ug/L	99
71) Naphthalene	13.445	128	321818	41.827	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	140490	49.930	ug/L	99

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

