

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031123.D
 Acq On : 19 May 2023 21:50
 Operator : SY/MD
 Sample : 02866-17MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX91MS

Quant Time: May 20 00:38:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	276083	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	266829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	152124	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	95865	40.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.260%		
7) Chloroethane-d5	1.532	69	94059	51.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.500%		
11) 1,1-Dichloroethene-d2	2.063	65	46794	42.293	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.580%		
21) 2-Butanone-d5	3.796	46	127539	101.444	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.440%		
24) Chloroform-d	4.259	84	187875	45.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.020%		
26) 1,2-Dichloroethane-d4	4.950	65	127004	45.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.060%		
32) Benzene-d6	4.969	84	325642	45.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
36) 1,2-Dichloropropane-d6	5.995	67	97877	45.223	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.440%		
41) Toluene-d8	7.249	98	313611	46.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.900%		
43) trans-1,3-Dichloroprop...	7.558	79	51109	47.067	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.140%		
47) 2-Hexanone-d5	8.034	63	79763	94.521	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.520%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147467	45.427	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.860%		
66) 1,2-Dichlorobenzene-d4	11.567	152	129042	47.205	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	78223	43.887	ug/L	96
3) Chloromethane	1.217	50	92772	47.543	ug/L	100
5) Vinyl chloride	1.285	62	82133	47.125	ug/L	98
6) Bromomethane	1.490	94	48798	49.959	ug/L	97
8) Chloroethane	1.551	64	57401	51.110	ug/L	99
9) Trichlorofluoromethane	1.715	101	156948	45.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	80113	44.315	ug/L	96
12) 1,1-Dichloroethene	2.076	96	87658	57.159	ug/L	88
13) Acetone	2.124	43	109900	67.239	ug/L	99
14) Carbon disulfide	2.246	76	131166	46.934	ug/L	98
15) Methyl Acetate	2.378	43	87471	47.088	ug/L	99
16) Methylene chloride	2.455	84	79143	46.355	ug/L	99
17) trans-1,2-Dichloroethene	2.699	96	73862	52.092	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	272002	49.659	ug/L	100
19) 1,1-Dichloroethane	3.121	63	151676	46.938	ug/L	100
20) cis-1,2-Dichloroethene	3.821	96	704370	402.972	ug/L	96
22) 2-Butanone	3.879	43	136213	86.904	ug/L	93
23) Bromochloromethane	4.156	128	46931	48.859	ug/L	98
25) Chloroform	4.284	83	176658	48.939	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	151453	49.450	ug/L	100
29) Cyclohexane	4.593	56	100609	47.916	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	159884	48.830	ug/L	98
31) Carbon tetrachloride	4.744	117	136926	48.002	ug/L	99
33) Benzene	5.018	78	321446	50.285	ug/L	100
34) Trichloroethene	5.841	95	6324371	3692.327	ug/L	96
35) Methylcyclohexane	6.059	83	108800	47.869	ug/L	99
37) 1,2-Dichloropropane	6.098	63	86204	48.995	ug/L	99
38) Bromodichloromethane	6.439	83	130575	47.875	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	128158	47.237	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	274444	101.367	ug/L	100
42) Toluene	7.323	91	349356	50.513	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	133589	48.673	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	93705	48.806	ug/L	98
46) Tetrachloroethene	7.911	164	71988	48.945	ug/L	99
48) 2-Hexanone	8.082	43	219084	97.154	ug/L	98
49) Dibromochloromethane	8.181	129	105622	48.759	ug/L	96
50) 1,2-Dibromoethane	8.288	107	91511	47.940	ug/L	97
51) Chlorobenzene	8.821	112	235709	47.883	ug/L	98
52) Ethylbenzene	8.953	91	386620	48.825	ug/L	99
53) m,p-Xylene	9.079	106	147591	48.049	ug/L	98
54) o-Xylene	9.484	106	148660	49.060	ug/L	100
55) Styrene	9.503	104	266775	49.779	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	156945	49.751	ug/L	97
59) Bromoform	9.670	173	86679	49.140	ug/L	99
60) Isopropylbenzene	9.873	105	405575	49.850	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	120893	51.658	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	324702	48.553	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	325244	49.740	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	201761	48.399	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	208947	48.179	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	211076	49.901	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	34641	48.220	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	146539	45.473	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	119361	43.523	ug/L	99
71) Naphthalene	13.445	128	294396	41.326	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	124617	45.471	ug/L	100

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

