

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052223\
 Data File : VW031172.D
 Acq On : 22 May 2023 17:43
 Operator : SY/MD
 Sample : 02861-16MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FL8MS

Quant Time: May 23 04:53:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 23 04:42:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	249657	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	190302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	150477	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	66452	31.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.300%
7) Chloroethane-d5	1.535	69	63322	38.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.040%
11) 1,1-Dichloroethene-d2	2.066	65	34007	33.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.980%
21) 2-Butanone-d5	3.799	46	106427	93.612	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.610%
24) Chloroform-d	4.259	84	159746	42.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.640%
26) 1,2-Dichloroethane-d4	4.950	65	112037	43.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.860%
32) Benzene-d6	4.969	84	273431	53.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	5.995	67	81285	52.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	7.249	98	232277	48.241	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	7.558	79	38691	49.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.920%
47) 2-Hexanone-d5	8.030	63	62329	103.563	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136063	58.770	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.540%
66) 1,2-Dichlorobenzene-d4	11.567	152	117783	43.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	74669	46.328	ug/L	97
3) Chloromethane	1.217	50	79208	44.889	ug/L	99
5) Vinyl chloride	1.288	62	76176	48.333	ug/L	99
6) Bromomethane	1.490	94	37273	42.199	ug/L	94
8) Chloroethane	1.552	64	52158	51.357	ug/L	98
9) Trichlorofluoromethane	1.719	101	151548	48.887	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	78562	48.057	ug/L	96
12) 1,1-Dichloroethene	2.076	96	68043	49.065	ug/L	87
13) Acetone	2.127	43	136062	92.057	ug/L	100
14) Carbon disulfide	2.246	76	119756	47.387	ug/L	98
15) Methyl Acetate	2.381	43	85326	50.795	ug/L	100
16) Methylene chloride	2.455	84	74831	48.469	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	62331	48.613	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	259084	52.307	ug/L	99
19) 1,1-Dichloroethane	3.117	63	146466	50.124	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	78488	49.656	ug/L	98
22) 2-Butanone	3.883	43	137872	97.274	ug/L	97
23) Bromochloromethane	4.156	128	44820	51.600	ug/L	95
25) Chloroform	4.285	83	167451	51.299	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	144081	52.023	ug/L	99
29) Cyclohexane	4.593	56	93409	62.377	ug/L	100
30) 1,1,1-Trichloroethane	4.522	97	151780	64.996	ug/L	99
31) Carbon tetrachloride	4.744	117	132172	64.969	ug/L	100
33) Benzene	5.018	78	302516	66.354	ug/L	100
34) Trichloroethene	5.841	95	76820	62.885	ug/L	94
35) Methylcyclohexane	6.059	83	103944	64.123	ug/L	99
37) 1,2-Dichloropropane	6.101	63	80622	64.249	ug/L	99
38) Bromodichloromethane	6.439	83	123369	63.422	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	127622	65.956	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	232467	120.391	ug/L	99
42) Toluene	7.323	91	298242	60.463	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	118680	60.629	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	78665	57.449	ug/L	97
46) Tetrachloroethene	7.911	164	61890	59.001	ug/L	96
48) 2-Hexanone	8.082	43	191410	119.016	ug/L	99
49) Dibromochloromethane	8.185	129	86718	56.131	ug/L	97
50) 1,2-Dibromoethane	8.288	107	73942	54.313	ug/L	99
51) Chlorobenzene	8.821	112	173729	49.484	ug/L	99
52) Ethylbenzene	8.953	91	304788	53.969	ug/L	97
53) m,p-Xylene	9.082	106	126394	57.696	ug/L	97
54) o-Xylene	9.484	106	128279	59.358	ug/L	98
55) Styrene	9.503	104	238704	62.453	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	148660	66.076	ug/L	99
59) Bromoform	9.670	173	85691	49.112	ug/L	99
60) Isopropylbenzene	9.873	105	395941	49.199	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	114215	49.338	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	321385	48.583	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	317507	49.088	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	201450	48.853	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	210575	49.086	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	203230	48.572	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	33244	46.782	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	153086	48.024	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	127908	47.149	ug/L	99
71) Naphthalene	13.445	128	326504	46.335	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	132745	48.967	ug/L	98

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

