

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072922\
 Data File : VW027098.D
 Acq On : 29 Jul 2022 20:36
 Operator : SY/MD
 Sample : N3899-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUR4MS

Quant Time: Jul 30 00:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 30 00:04:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	540636	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	539282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	300937	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	233787	45.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.900%
7) Chloroethane-d5	1.561	69	198791	48.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.560%
11) 1,1-Dichloroethene-d2	2.101	63	423510	48.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.740%
21) 2-Butanone-d5	3.886	46	278418	94.931	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.930%
24) Chloroform-d	4.342	84	465899	50.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.580%
26) 1,2-Dichloroethane-d4	5.027	65	268986	51.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
32) Benzene-d6	5.043	84	919008	48.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.060%
36) 1,2-Dichloropropane-d6	6.066	67	287959	49.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.360%
41) Toluene-d8	7.313	98	847074	49.487	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.980%
43) trans-1,3-Dichloroprop...	7.619	79	123781	48.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.680%
47) 2-Hexanone-d5	8.088	63	258908	103.906	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.910%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	444914	50.909	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.820%
66) 1,2-Dichlorobenzene-d4	11.622	152	319148	47.176	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	300245	53.511	ug/L	99
3) Chloromethane	1.236	50	280629	54.697	ug/L	99
5) Vinyl chloride	1.307	62	295777	54.349	ug/L	98
6) Bromomethane	1.516	94	170884	51.129	ug/L	99
8) Chloroethane	1.580	64	175766	55.007	ug/L	98
9) Trichlorofluoromethane	1.748	101	379205	54.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	214411	53.197	ug/L	98
12) 1,1-Dichloroethene	2.111	96	214722	54.525	ug/L	99
13) Acetone	2.178	43	199879	92.015	ug/L	96
14) Carbon disulfide	2.288	76	637803	51.050	ug/L	100
15) Methyl Acetate	2.429	43	175105	48.506	ug/L	98
16) Methylene chloride	2.500	84	259710	51.738	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	228969	53.108	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	650563	54.936	ug/L	100
19) 1,1-Dichloroethane	3.182	63	415524	55.191	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	239684	53.760	ug/L	99
22) 2-Butanone	3.973	43	241827	100.910	ug/L	90
23) Bromochloromethane	4.243	128	136454	56.816	ug/L	99
25) Chloroform	4.368	83	431914	54.414	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	302529	55.387	ug/L	100
29) Cyclohexane	4.670	56	322336	55.631	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	369194	53.339	ug/L	99
31) Carbon tetrachloride	4.821	117	329180	54.630	ug/L	98
33) Benzene	5.095	78	972060	55.932	ug/L	100
34) Trichloroethene	5.911	95	232592	51.999	ug/L	98
35) Methylcyclohexane	6.127	83	360820	54.071	ug/L	99
37) 1,2-Dichloropropane	6.169	63	247815	56.974	ug/L	100
38) Bromodichloromethane	6.506	83	318999	55.216	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	343490	55.048	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	629884	114.493	ug/L	99
42) Toluene	7.384	91	1019474	56.894	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	330697	54.513	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	255540	54.875	ug/L	99
46) Tetrachloroethene	7.972	164	185033	52.887	ug/L	99
48) 2-Hexanone	8.140	43	503388	116.109	ug/L	99
49) Dibromochloromethane	8.243	129	262682	54.850	ug/L	97
50) 1,2-Dibromoethane	8.349	107	264048	54.073	ug/L	99
51) Chlorobenzene	8.879	112	651762	53.934	ug/L	99
52) Ethylbenzene	9.011	91	1021888	56.322	ug/L	98
53) m,p-Xylene	9.136	106	407861	57.151	ug/L	97
54) o-Xylene	9.542	106	400969	58.343	ug/L	99
55) Styrene	9.558	104	721199	59.960	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	416670	55.497	ug/L	100
59) Bromoform	9.728	173	176605	51.662	ug/L	100
60) Isopropylbenzene	9.931	105	1018174	54.217	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	321285	50.905	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	417571	51.950	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	339340	52.903	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	476801	52.300	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	495113	51.537	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	505478	53.092	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	81941	49.519	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	311502	50.377	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	261708	49.450	ug/L	100
71) Naphthalene	13.500	128	881668	47.877	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	296697	51.686	ug/L	99

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

