

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026968.D
 Acq On : 26 Jul 2022 22:03
 Operator : SY/MD
 Sample : N3843-13MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUP2MS

Quant Time: Jul 27 01:45:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	522907	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	535364	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	299719	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	178671	40.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.480%
7) Chloroethane-d5	1.565	69	156636	44.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.300%
11) 1,1-Dichloroethene-d2	2.105	63	343066	43.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
21) 2-Butanone-d5	3.886	46	308261	104.278	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.280%
24) Chloroform-d	4.343	84	408434	47.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	5.027	65	235741	47.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
32) Benzene-d6	5.044	84	772750	47.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
36) 1,2-Dichloropropane-d6	6.066	67	246401	47.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.314	98	701031	49.510	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
43) trans-1,3-Dichloroprop...	7.619	79	105016	48.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.120%
47) 2-Hexanone-d5	8.088	63	225304	99.219	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	398182	50.260	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	11.622	152	277792	49.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	231294	42.816	ug/L	99
3) Chloromethane	1.237	50	232281	45.981	ug/L	100
5) Vinyl chloride	1.307	62	250239	46.599	ug/L	99
6) Bromomethane	1.516	94	157381	48.502	ug/L	100
8) Chloroethane	1.581	64	157493	49.911	ug/L	98
9) Trichlorofluoromethane	1.748	101	346890	46.871	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	200394	46.297	ug/L	99
12) 1,1-Dichloroethene	2.114	96	194713	48.160	ug/L	87
13) Acetone	2.179	43	220359	106.164	ug/L	98
14) Carbon disulfide	2.288	76	522434	45.289	ug/L	99
15) Methyl Acetate	2.430	43	215452	47.060	ug/L	98
16) Methylene chloride	2.500	84	248287	48.176	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	209192	48.967	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	630666	53.142	ug/L	100
19) 1,1-Dichloroethane	3.182	63	397686	50.545	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	232871	51.723	ug/L	96
22) 2-Butanone	3.966	43	320849	113.337	ug/L	97
23) Bromochloromethane	4.240	128	129397	50.192	ug/L	99
25) Chloroform	4.368	83	426450	50.819	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	296368	50.050	ug/L	99
29) Cyclohexane	4.674	56	276947	49.469	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	359773	50.863	ug/L	99
31) Carbon tetrachloride	4.822	117	309202	49.926	ug/L	99
33) Benzene	5.095	78	913785	53.075	ug/L	100
34) Trichloroethene	5.908	95	217401	49.139	ug/L	98
35) Methylcyclohexane	6.127	83	309773	47.289	ug/L	98
37) 1,2-Dichloropropane	6.169	63	237452	52.991	ug/L	99
38) Bromodichloromethane	6.507	83	307872	50.690	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	317367	51.033	ug/L	99
40) 4-Methyl-2-pentanone	7.224	43	600226	112.558	ug/L	98
42) Toluene	7.384	91	962372	54.763	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	311540	50.799	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	250297	52.452	ug/L	99
46) Tetrachloroethene	7.973	164	169208	49.028	ug/L	98
48) 2-Hexanone	8.137	43	485401	116.955	ug/L	98
49) Dibromochloromethane	8.243	129	259724	52.074	ug/L	99
50) 1,2-Dibromoethane	8.349	107	256265	52.489	ug/L	99
51) Chlorobenzene	8.879	112	619474	50.572	ug/L	100
52) Ethylbenzene	9.011	91	959424	52.597	ug/L	99
53) m,p-Xylene	9.137	106	386070	54.054	ug/L	99
54) o-Xylene	9.542	106	375022	54.518	ug/L	99
55) Styrene	9.558	104	691783	56.944	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	410968	53.352	ug/L	99
59) Bromoform	9.728	173	173035	51.674	ug/L	99
60) Isopropylbenzene	9.931	105	961616	54.291	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	314564	52.303	ug/L	99
62) 1,3,5-Trimethylbenzene	10.539	105	773101	53.705	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	790033	54.715	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	461525	50.999	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	478795	49.931	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	484076	52.136	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	81842	50.934	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	294482	45.965	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	243410	45.093	ug/L	99
71) Naphthalene	13.500	128	814780	48.000	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	278121	49.393	ug/L	99

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

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