

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027182.D
 Acq On : 02 Aug 2022 19:49
 Operator : SY/MD
 Sample : N4005-06MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MS

Quant Time: Aug 03 02:03:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 03 02:00:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	603053	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	594565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	319933	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	159630	40.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.680%
7) Chloroethane-d5	1.561	69	134688	46.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.105	63	303459	40.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.540%
21) 2-Butanone-d5	3.873	46	245750	95.506	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.510%
24) Chloroform-d	4.346	84	347533	43.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.980%
26) 1,2-Dichloroethane-d4	5.027	65	197580	44.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.160%
32) Benzene-d6	5.047	84	668362	42.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.960%
36) 1,2-Dichloropropane-d6	6.066	67	215415	44.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.520%
41) Toluene-d8	7.313	98	638175	44.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.980%
43) trans-1,3-Dichloroprop...	7.619	79	93320	43.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.380%
47) 2-Hexanone-d5	8.088	63	186630	99.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.330%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	345120	47.438	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	11.622	152	246592	43.857	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	254659	44.132	ug/L	98
3) Chloromethane	1.237	50	241467	44.130	ug/L	98
5) Vinyl chloride	1.307	62	268870	47.207	ug/L	99
6) Bromomethane	1.513	94	118984	40.283	ug/L	100
8) Chloroethane	1.577	64	156164	51.174	ug/L	98
9) Trichlorofluoromethane	1.748	101	329217	43.871	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	189568	44.048	ug/L	100
12) 1,1-Dichloroethene	2.114	96	183342	43.843	ug/L	96
13) Acetone	2.163	43	192569	88.627	ug/L	98
14) Carbon disulfide	2.288	76	540904	43.433	ug/L	100
15) Methyl Acetate	2.426	43	191446	40.500	ug/L	98
16) Methylene chloride	2.500	84	235504	44.430	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	1625793	365.256	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	635529	49.703	ug/L	100
19) 1,1-Dichloroethane	3.185	63	362656	44.494	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	1236254	261.650	ug/L	98
22) 2-Butanone	3.957	43	294385	98.321	ug/L	99
23) Bromochloromethane	4.243	128	121791	45.369	ug/L	99
25) Chloroform	4.371	83	387428	45.145	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	271416	45.679	ug/L	98
29) Cyclohexane	4.674	56	265976	44.185	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	333999	44.799	ug/L	98
31) Carbon tetrachloride	4.825	117	290634	45.334	ug/L	100
33) Benzene	5.095	78	851991	46.721	ug/L	100
34) Trichloroethene	5.912	95	214129	45.660	ug/L	98
35) Methylcyclohexane	6.127	83	308733	44.358	ug/L	99
37) 1,2-Dichloropropane	6.169	63	232647	48.596	ug/L	98
38) Bromodichloromethane	6.506	83	298465	47.067	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	306007	45.564	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	566885	100.192	ug/L	100
42) Toluene	7.384	91	925107	49.176	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	303238	46.994	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	240009	47.692	ug/L	99
46) Tetrachloroethene	7.973	164	163869	45.769	ug/L	97
48) 2-Hexanone	8.137	43	457101	103.908	ug/L	98
49) Dibromochloromethane	8.243	129	247039	47.289	ug/L	99
50) 1,2-Dibromoethane	8.349	107	245027	47.029	ug/L	98
51) Chlorobenzene	8.879	112	601289	46.187	ug/L	99
52) Ethylbenzene	9.011	91	930115	48.244	ug/L	100
53) m,p-Xylene	9.137	106	380746	50.344	ug/L	97
54) o-Xylene	9.542	106	363133	49.051	ug/L	98
55) Styrene	9.558	104	669125	52.004	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	391343	47.957	ug/L	99
59) Bromoform	9.731	173	164404	44.510	ug/L	99
60) Isopropylbenzene	9.931	105	929095	47.328	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	297609	44.805	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	379253	44.603	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	309871	45.105	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	446018	46.100	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	463777	45.440	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	470368	46.297	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	78832	44.360	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	307024	44.730	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	266899	46.309	ug/L	99
71) Naphthalene	13.500	128	966193	51.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	309852	49.163	ug/L	98

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

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